

acgcctgagc	ccgtgggggtc	cgatgctggg	gacaagaatg	ccaccaaaagc	aggcgatgac	840
gagccagagt	acgaggacgg	ccggggcttt	ggcattgggg	agctggtgtg	ggggaaactg	900
cggggcttct	cctggtggcc	aggccgcatt	gtgtcttggg	ggatgacggg	ccggagccga	960
gcagctgaag	gcacccgctg	ggatcatgtg	ttcggagacg	gcaaatcttc	agtgggtgtg	1020
gttgagaagc	tgatgccgct	gagctcgttt	tgcagtgcgt	tccaccaggc	cacgtacaac	1080
aagcagccca	tgtaccgcaa	agccatctac	gaggtcctgc	aggtggccag	cagccgcgcg	1140
gggaagctgt	tcccgggtgtg	ccacgacagc	gatgagagtg	acactgccaa	ggccgtggag	1200
gtgcagaaca	agcccatgat	tgaatgggcc	ctggggggct	tccagccttc	tggccctaag	1260
ggcctggagc	caccagaaga	agagaagaat	ccctacaaag	aagtgtacac	ggacatgtgg	1320
gtggaacctg	aggcagctgc	ctacgcacca	cctccaccag	ccaaaaagcc	ccggaagagc	1380
acagcggaga	agcccaaggt	caaggagatt	attgatgagc	gcacaagaga	gcggctgggtg	1440
tacgaggtgc	ggcagaagtg	ccggaacatt	gaggacatct	gcatctcctg	tgggagcctc	1500
aatgttacct	tggaaacaccc	cctcttcggt	ggaggaatgt	gccaaaactg	caagaactgc	1560
tttctggagt	gtgcgtacca	gtacgacgac	gacggctacc	agtcctactg	caccatctgc	1620
tgtggggggc	gtgaggtgct	catgtgcgga	aacaacaact	gctgcaggtg	cttttgcgtg	1680
gagtgtgtgg	acctcttggg	ggggccgggg	gctgcccagg	cagccattaa	ggaagacccc	1740
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tggccctccc	ggetccagat	gttcttcgct	aataaccacg	accaggaatt	tgaccctcca	1860
aaggtttacc	cacctgtccc	agctgagaag	aggaagccca	tccgggtgct	gtctctcttt	1920
gatggaatcg	ctacagggct	cctggtgctg	aaggacttgg	gcattcaggt	ggaccgctac	1980
attgcctcgg	aggtgtgtga	ggactccatc	acggtgggca	tggtgcggca	ccaggggaag	2040
atcatgtacg	tcggggacgt	ccgcagcgtc	acacagaagc	atatccagga	gtggggccca	2100
ttcgatctgg	tgattggggg	cagtcctctg	aatgacctct	ccatcgtaaa	ccctgctcgc	2160
aagggcctct	acgagggcac	tggccggctc	ttctttgagt	tctaccgcct	cctgcatgat	2220
gcgcggccca	aggaggggag	atgatcgccc	cttcttctgg	ctctttgaga	atgtgtgtgg	2280
catgggcgtt	agtaacacaga	gaggacacat	ctcgcgattt	ctcgagtcca	accctgtgat	2340
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cataaagcag	ggcaaagacc	agcattttcc	tgtcttcatg	aatgagaaag	aggacatctt	2580
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ccacctcttc	gctccgctga	aggagtattt	tgcgtgtgtg	taagggacat	gggggcaaac	2760
tgaggtagcg	acacaaagtt	aaacaaacaa	acaaaaaaca	caaaacataa	taaaacacca	2820
agaacatgag	gatggagaga	agtatcagca	cccagaagag	aaaaaggaat	ttaaaacaaa	2880
aaccacagag	gcggaaatac	cggagggctt	tgcttgcgga	aaagggttgg	acatcatctc	2940
ctgatttttc	aatgttattc	ttcagtccta	tttaaaaaa	aaaccaagct	cccttccctt	3000
cctccccctt	cccttttttt	tcggtcagac	cttttatatt	ctactctttt	cagagggggtt	3060
ttctgtttgt	ttgggttttg	tttcttgctg	tgactgaaac	aagaaggtta	ttgcagcaaa	3120
aatcagtaac	aaaaaatagt	aacaatacct	tgcagaggaa	aggtggggagg	agaggaaaaa	3180
agggaaattn	ctatagaaat	ctatatattg	gggttggtt			3219

<210> 3711
 <211> 3698
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(3699)
 <223> n = a,t,c or g

<220>

<221> misc_feature
 <222> (1)...(3269)
 <223> similar to gi806562 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3711

aagctggacc	gggagttcct	caagggttgc	aagcttatat	tcaaaatcgc	tttgctgncg	60
gggggcgccc	tcaggaatac	tttaatagaa	agtgatctga	aatacaaaga	gaaacatgtc	120
aaggaaagag	gaacctgcca	tgccgtacct	gacacgcctc	agatcctgct	ggcgaagact	180
gtcagcaacc	tggtgtctga	gaacaagtac	aaggaccatg	tcaagaagca	cttggcacag	240
ggctcataca	caacactacc	agagacccgg	gacactgttc	acgttaagga	agtgaccaag	300
catgtcagtg	atacaaatta	caaaaagaag	tttgtcaagg	agaaaggaaa	atccaactac	360
tccatcatgc	tggagccacc	agaggtgaaa	catgctatgg	aagtggccaa	gaagcaaagt	420
gatgtcgctt	acagaaaaga	tgccaaagag	aacctgcatt	acaccacagt	ggctgatcga	480
ccagacatca	agaaggccac	acaggcagcc	aaacaggcca	gtgaggtgga	gtacagagcc	540
aagcaccgca	aggaaggcag	ccatggctta	agcatgctcg	gtcgcccaga	catagaaatg	600
gccaaagaag	cagtcaagct	gagcagccag	gttaaatacc	gagaaaattt	cgataaagaa	660
aagggaaga	cacccaaaata	caatccaaaa	gacagccagc	tctacaaagt	catgaaagat	720
gctaataatc	ttgcaagtga	ggttaaatac	aaggctgacc	tgaagaaact	tcacaaaccc	780
gtgactgaca	tgaaggagtc	tctgatcatg	aatcatgtcc	tgaatacaag	ccaacttgcc	840
agttcttacc	agtacaagaa	gaagtatgag	aagagtaaag	gccactacca	caccataccc	900
gataatctgg	agcagcttca	cctaaaagag	gccacagaat	tacagagtat	agtgaaatac	960
aaagaaaagt	atgaaaagga	acgaggaaaa	cccatgctgg	actttgaaac	accaacgtac	1020
atcactgccca	aagagtctca	gcagatgcag	agtgggaaag	agtacaggaa	agattatgaa	1080
gagtccatta	aaggcagaaa	cctgactggc	ctggaggtca	cgccagcttt	gttacattgt	1140
caaatatgca	actaaaatag	caagcgagaa	agagtacagg	aaagatctag	aggaaagcat	1200
ccgtgggaag	ggcctcactg	aaatggaaga	tacacctgac	atgctaagag	caaagaatgc	1260
cactcaaatc	ctcaatgaga	agaatataaa	gcgagacctg	gaactggaag	tcaaaggaag	1320
aggcctgaat	gccatggcca	atgaaactcc	ggattttatg	agggccagga	atgctactga	1380
tattgccagt	cagattaagt	ataagcaatc	agcagaaatg	gagaaagcca	atttcacttc	1440
tgtggttgat	actccagaga	tattcatgc	ccaacaagtc	aagaatcttt	caagccagaa	1500
aaagtacaag	gaagatgctg	agaagtccat	gtcgtattat	gagactgttt	tggacacccc	1560
agagatacag	agagtccggg	agaacccaaa	gaacttcagc	cttctccaat	accagtgtga	1620
ccttaaaaac	agtaaggaa	aaattacagt	tgttcaagac	acgccagaaa	tactgcgtgt	1680
aaaagaaaat	cagaagaatt	tcagctcggt	tttatataaa	gaggatgtct	caccaggaac	1740
ggctatcgga	aagacacctg	agatgatgag	agtgaacaa	acacaggacc	acattagctc	1800
ggtgaagtat	aaggaagcaa	taggacaagg	aactccaatc	cctgacctgc	ctgaagtga	1860
acgtgtgaag	gagacgcaga	agcacattag	ctcggttatg	tacaaagaaa	acttgggaac	1920
aggcattcca	accactgtga	ctccagagat	tgagagagtc	aaacgcaatc	aagagaactt	1980
tagctcgggt	ttgtacaaag	aaaatttggg	gaaaggaatc	ccaacaccta	tcactccaga	2040
gatggagaga	gtcaaacgca	atcaagagaa	ctttagctcg	gtgttataca	aagaaaacat	2100
gggcaaggga	actcctttac	ctgtcactcc	cgagatggag	cgagtcaaac	acaatcaaga	2160
aaatattagc	tcggttttgt	acaaagaaaa	tgtggggaaa	gccaccgcaa	cccctgtcac	2220
tcctgagatg	cagagagtca	aacgcaatca	agaaaacatt	agctcggtgt	tatacaaaga	2280
gaacctgggg	aaagcaaccc	ccacaccctt	tactcctgag	atggaaagag	tgaaacgcaa	2340
tcaagaaaac	tttagctcgg	tattgtacaa	agagaacatg	agaaaagcaa	ctccgacacc	2400
tggtactcca	gagatggaga	gagctaagcg	caaccaacaa	aacattagct	cgggttcttt	2460
attctgatag	tttccggaaa	caaatacaag	gccagctgc	ctatgtattg	gatacccccg	2520
agatgagacg	ggtgagggag	acccaacggc	acatctcaac	ggtgaaatat	catgaagact	2580
ttgagaaaca	caagggttgc	ttcacaccag	tggtgacaga	tcctatcact	gaacgagtaa	2640
agaagaacat	gcaggacttc	agtacatta	actaccgtgg	tattcagagg	aaagtggtag	2700
aaatggaaca	aaaacggaat	gaccaagatc	aggagactat	tacaggttta	cgtgtctggc	2760
gtactaatcc	tggttcgggt	tttgactatg	atccagcaga	agacaacatc	cagtcgccga	2820
gcttacacat	gattaatgtc	caagctcagc	gccggagccg	ggagcagtc	cgatctgcca	2880

gtgcactaag	catcagtggg	ggtgaggaga	agtctgagca	ttcagaagca	ccagaccacc	2940
acctttcgac	ttacagcgac	gggggtgtct	ttgcagtctc	aacagcttac	aaacatgcaa	3000
aaaccacaga	gctcccacaa	caacgatcat	cttcagttgc	taccaacag	acaacggtat	3060
cttccatccc	atctcatccc	atctactgct	ggaaaaaatc	ttccgtgccc	atgtatgact	3120
atatggctgc	tgatgcagat	gaggtgtcct	tcaaggatgg	agatgccatc	ataaatgttc	3180
aagcaattga	tgaaggctgg	atgtatggca	ctgtgcagag	gactggcagg	accggaatgc	3240
ttccagccaa	ctacgttgaa	gctatttagg	catttcaaag	catcacactt	gtctgcagga	3300
cttacagatc	ctgcagtcaa	tgtttcgggt	taaactctcc	actgttacct	aagttctcaa	3360
gctgcctatg	gtttttctgt	gtcaatgtga	tttatggtag	taccatcctt	tctcctttgg	3420
gttttaaaat	aagttgcaga	acagacactt	taaaagcttc	tgcaatatta	tttctgtgcc	3480
tagagtcttt	ctccattata	aacatgtttt	aacattatct	cttttctaaa	acagggattt	3540
tgaatatgcc	aaacacatta	aaggaaaaat	agcagagatg	ttcacctttt	ccttgctgat	3600
tgctaattgt	tattatttct	aattcagttc	tgaagtata	aacttataat	caatacaaac	3660
cagcaactaa	taaaacctct	aattctgcaa	aaaaaaaa			3698

<210> 3712

<211> 1022

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1016)...(57)

<223> similar to gi219430 in the genepept database release 114,

Run with FASTX 3.3t00, default parameters

<400> 3712

ttttttat	tttttttt	taagcacggg	atcctgtctt	cactcctaca	cactgaacat	60
atccattc	ggtattga	aattaccatc	taggccagaa	gcaggcttag	ccttcacttc	120
caaagaatta	tctaagtctt	ctagcttctg	gctcagctcc	actttccaga	ctccatctga	180
accaactttc	tgtgggtagt	gaggtttgaa	cccttgaggg	tgctgcacaa	acttgaggta	240
tccgttgaag	gcaaggaaa	ggaaggagga	gaagaagggg	gagaagcagc	tctcctggca	300
gacgcttga	aaaggatatt	aggccaggac	ttcatggaga	agcaagaaag	atgaggatag	360
gtgttattag	aagaagctgc	agactgcgag	gtagatgtgg	tgtaggatt	aggggagcag	420
actgagtga	gtaataatct	aacatgctct	ttggcatttc	tcattgcttg	tttgattgtt	480
ttctctttgt	gcaagcttga	ctggagggtg	tggctaagt	cttcattccc	actgatagcc	540
acatcacagg	caagacactg	atatttgctg	actgggacac	gaagcactgt	ctcttggtgg	600
tcaatcaaag	gctgaccgaa	ataacagaag	gacttttgat	gatttactcg	cggcgtcttc	660
atcaagtaac	atcaactggc	aacttctgca	tataaactca	tacttgacga	atggaacaac	720
gtaagtgtct	gaaaagtctg	cacttttgga	ttctaactgg	ggttcttctt	ttgtgctttc	780
tgtagcagta	cttttgctct	cctttgtttc	tgaagcatcg	ttggagtgtt	gcggctggtc	840
actttctact	ttggatgtct	ttgctgaac	tgggttctgc	tgctgttctt	gctgttgctt	900
ttgctgcttt	tgcagggact	cctgcagggt	ctgctgatac	tggttggtact	gctgcaacag	960
tgcacctggg	gacagacctg	ccagtgtctg	gggcattgta	gggccataag	gctcgtgccc	1020
aa						1022

<210> 3713
 <211> 553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(537)
 <223> similar to gi3184264 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3713

gtctgcctat	ctgaggacct	gtaccccgat	atcaatgtca	tcactggcat	cctcaaggat	60
tatcttcgag	agttgcccac	ccactcatc	acccagcccc	tgtataaggt	ggtactggag	120
gccatggccc	gggaccccc	aaacagagtt	ccccccacca	ctgagggcac	ccgagggctc	180
ctcagctgcc	tgccagatgt	ggaaagggcc	acgttgacgc	ttctcctgga	ccacctgcgc	240
ctcgtctcct	ccttccatgc	ctacaaccgc	atgaccccac	agaacttggc	cgtgtgcttc	300
gggcctgtgc	tgctgccggc	acgccaggcg	cccacaaggc	ctcgtgcccc	cagctccggc	360
ccaggccttg	ccagtgcagt	ggacttcaag	caccacatcg	aggtgctgca	ctacctgctg	420
cagtcttggc	cagatccccg	cctgccccga	caatctccag	atgtcgcgcc	ttacttgcca	480
cccaaacgac	agccacctct	gcacctgccc	ttcagggaga	tgggggtcat	taaaggaaac	540
tgaacattga	aaa					553

<210> 3714
 <211> 1264
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> similar to gi2695708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3714

cggcacgagg	aagatttagg	taatctctgg	gaaaacacaa	gatttacaga	ctgcagtttt	60
ttcgtgagag	gacaagaatt	taaagctcat	aaatctgtgc	ttgcagctcg	atctccagtt	120
tttaacgcc	tgtttgaaca	tgaaatggaa	gaaagcaaaa	agaatcgagt	ggaaataaat	180
gatttagacc	ctgaagtttt	taaagaaatg	atgagattca	tttacacagg	gagagcacca	240
aaccttgaca	aaatggctga	caacttggtg	gcagctgcag	acaaatatgc	actggaacgg	300
ctgaaggtca	tgtagcga	agctttgtgt	agtaacctct	cagtagagaa	tgtagcagat	360
acccttgctc	ttgcagattt	gcacagtggc	agaacagttg	aaagcacaag	ccatagactt	420
tattaatagg	tgtagtgtac	ttcgacaact	tgggtgtaaa	gatgggaaaa	actggaacag	480
caaccaagca	accgacataa	tggaacatc	aggggggaag	tccatgattc	agtctcacc	540
tcatttagta	gcagaagcct	ttcgagcact	agcatctgca	caggggtccac	agtttggcat	600
tccacgcaaa	cggctaaaac	agtcctgaaa	tcttccatga	acagttgaaa	aatggaattg	660
actttcactc	ctccaggtcc	agaaggattc	taatacacia	accataagca	agagttgttt	720

ctgttatttt	gtccacagaa	cagaagctga	aaaagcatat	tgcttgcatt	tcagggtggat	780
aatttatggg	ttattcttca	gctttaaatt	agactgatta	attcacttca	aggccttaaa	840
ttatcttcaa	tgactttctt	tgttcatata	atactttaat	ttttttttat	tgtgccttgt	900
cattttgacc	aaggctatgc	aggattgcac	tagctccata	atgcagtaat	attgataact	960
gaagatacta	agtttcaaaa	ggatcttcca	ttattttgca	aaaagaaaaa	tgaattttat	1020
agggtttgtc	ctatgctatc	tcaaagttta	agttctcttt	aaaagcactt	gtattggaga	1080
ttaccagtaa	tatctccaat	ctaagttcta	taaatatggg	agaaccctct	taccttcaag	1140
gtaagttatg	gcaatacact	gcttcaattc	taatttattt	ttcatttcag	ggggcaaata	1200
tgcaatgagt	tggcctagat	ttttagtgac	atztatgatg	tttgtcttgt	atgttaactg	1260
tcca						1264

<210> 3715

<211> 1455

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1456)

<223> similar to gi5441940 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3715

atgaaagtat	tatctgaagg	acagttaaag	ctttgtgttg	ttcaaccagt	acatctcact	60
tcattggctcc	ttatatTTTT	tattctaaag	tctatctctt	gtctaaaacc	tgctcgactt	120
ccaatttatc	aaaggaaacc	ttttatagct	gcttggaatg	ctccaacaga	tcagtgtttg	180
ataaaatata	atttaagact	aaatttgaaa	atgtttcctg	tgattggaag	cccactggcc	240
aaggccaggg	ggcaaaatgt	cactataatt	tatgtcaaca	gattggggat	actatccgtg	300
gtatacatca	caaggggtcc	ccattaatgg	gaggtctccc	acagaacata	agttttacaa	360
gtacatctgg	gaaaaagctt	gaccaaggta	ttaattatTT	acatccccgc	tggaggattt	420
cagtggactt	gctgttatag	attgggaata	ttggagacca	cagtggggcc	ggaactggaa	480
ctcaaaagat	gtttacagac	agaagtcaag	aaagcttatt	tccgatatgg	gaaagaatgt	540
atcagctacc	gatattgaat	atttagccaa	agtgcctttt	gaagaaagtg	caaaagcttt	600
catgaaggaa	accatcaaat	tgggaattaa	gagccgaccc	aaaggccttt	ggggttatta	660
tttatatcct	gattgccaca	attataacgt	ttatgcccc	aactactctg	ggtcatgccc	720
agaagacgaa	gtcttgagga	acaatgagct	ctcttggtct	tggaacagca	gtgctgcttt	780
atatccttct	atcggtgtct	ggaaatccct	tggagacagt	gaaaacattt	tgcgcttctc	840
caaatttcgg	gtgcatgaat	ccatgaggat	ctccaccatg	acatctcatg	attatgctct	900
gcctgtatTT	gtctacacaa	ggctaggggt	acagagatga	acctttttatt	tttctttttc	960
taagcaagat	ctagtcagca	ccataggaga	aagtgtctgc	ttgggagctg	caggcattgg	1020
ttaatTTggg	gagacatgaa	tttaactgca	tccaaggcca	actgtacaaa	ggtgaagcag	1080
tttTgtagtt	ctgatttagg	gagctacata	gccaatgtga	ccagagctgc	tgaggtatgc	1140
agccttcacc	tctgcaggaa	caatggcagg	tgcataagga	agatgtggaa	cgcgcccagt	1200
taccttcact	tgaaccctgc	aagttaccac	atagaggcct	ctgaggacgg	ggagtttact	1260
gtgaaaggaa	aagcatctga	tacagacctg	gcagtgatgg	cagatacatt	ttcctgtcat	1320
tgttatcagg	gatatgaagg	agctgattgc	agagaaataa	agacggctga	tggctgctct	1380
ggggtttccc	cttctcctgg	ttcactaatg	acactttgtc	tactgctttt	agcaagttat	1440
cgaagcatte	agttg					1455

<210> 3716
 <211> 1296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1297)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1291)...(470)
 <223> similar to gi57671 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3716

tttttttttt	ttgggaatgc	tctcaccttt	atttctctca	atatacccg	gatacagata	60
tttcatatgt	aacaaagata	aggatgtgtg	caggtataaa	acagaggcag	aatcatggct	120
aaaacatcta	gccagcaat	gaactcatta	tccctgaggg	gtaagggg	ggggaggaga	180
ggagtcacag	gcagttcacc	cacacctggg	aaaatcgatg	acttcatgga	gaatgaatga	240
ctcgggggga	ttcagatcat	gaagtcatga	gaagaaaggc	ctttcttccc	agggatgatg	300
tttctcagta	tcaataatca	gttgctcggg	ttttttcttc	tatttcttcc	agcagcttaa	360
ttgaagttcc	atcaattnaa	agtccatcta	ttttcaaacc	tgagtgtccc	ggaggggtgcc	420
cactggaaca	tgtcaagggt	tcaaaacagc	atcttcactc	ccactagaac	cccaagggat	480
tctgacccca	ggtccagagt	gacgaggctc	tgggttgagc	ctgagggcag	agcagaggtc	540
ttcacaactg	aacggaggga	tggaacatcc	ccacaaccac	agacatctca	agttgcacag	600
tggtttcctc	aaagcctcac	acaggaactt	cattccctta	actcctatgt	gattcagccc	660
cagatccaaa	cacaacaggc	ttgatttttc	ttggagaagc	tttgtgagat	cgcagcagcc	720
atcgctagtt	atgtcgaggt	tccaaagcac	caagggtctg	agtttacact	cggggtacct	780
caagccctca	cacagaaact	tcacccctgt	attcccaatg	gggttcttgg	ccaagcacag	840
gtgtgtcagc	tcccggctga	caaccaacac	agcagcaagg	tccttgcaat	tggcttctgt	900
aagggtgacag	ttttccaacg	acaacctctg	cagaaagcac	ttgggggtgc	tcaaagttgt	960
gtacagcaac	ttagcacctc	catccagaag	ctcattgtcg	gagagggtta	cgcacgtcag	1020
ggactgggtg	acttcaaggg	ccaaggagag	atcagcccac	tgctgagtgg	tagcggaaca	1080
agacaccaac	ccgagatata	gcaggttaca	ttctggatgt	ctcaagacct	cacacaatgc	1140
gggaaacata	tcatacctgg	cattgccttg	aagggtcaga	tacgttacag	tcttgtgacc	1200
tcgaagagct	aggcagaggt	tccgatgagc	atcagctggg	gaaatgtttt	tgaacaccac	1260
tctctggaga	tgacaggtgt	cagaggctat	ttgttc			1296

<210> 3717
 <211> 672
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (674)...(108)

<223> similar to gi473969 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3717

tttttttttt	ttgtggtaaa	caaaagcttt	attatttttt	ctttcattaa	aaaaatggag	60
cactgaagag	aaacagagtt	tggaaccttg	ggttcacccc	acactaagca	aaatagcccc	120
agataaagat	ggcgcagctc	acgcagaaaa	tgaggttgac	gtccaggagg	gtcttcacca	180
aggggttttc	ttccaggga	actatgatgg	cttctgctct	ggccgggagc	tcttccttgc	240
ccttctcctg	tattccacag	agccacagga	tggccttcac	cactttggac	tgctttgggg	300
tcatgtcaca	gctgtgggtt	ttagacgtgt	tttcttgaac	catctcgaac	tggacgctgc	360
tgctgctgct	ggcctctggc	atcccgttct	gagagagggg	aagagacaag	ggagctgctg	420
gtggtgcttg	ttccttctgg	accacggggg	cgtgacgagt	aaaccagggtc	aggtggctga	480
ccatctcctt	ggagggtggc	tctgtgaacc	agctcacggg	ggagacagtg	atgagggtga	540
ccgtggacag	gatcatggag	aagtagaggt	agtgaatgct	cttcaccagg	accgggcgct	600
catctggctg	gtcgcacga	ggctgcacgt	aaataaagtc	caggaccagc	ctaaccaagg	660
cccaggagca	gg					672

<210> 3718

<211> 908

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (886)...(574)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3718

cgcgcccgac	ccacgcgtcc	gttttaatica	cacctcaatc	tggtgtagtc	ataagagtaa	60
ttatatgat	gagaagccaa	attaaaatta	aaaatgtggc	aaagacttcc	aattctagtc	120
agttcttaat	gtaattccta	ctgaagaaaa	cacctggaaa	tacaaaaaat	gtggcaaaac	180
ttgtaaccaa	tgcttagcat	ttttgcacat	gatagtattt	atatgtgaga	ctacttgtag	240
aaacataaaa	atatacaaaa	gctattgtct	acttgaaatt	tatagttaat	aaaagcatta	300
taaatgtaat	ttctgttgaa	agacctttta	gaaaatatag	gccattaaag	tgaagaatag	360
tcttaagaca	gagaatacaa	agataaagag	ggctctagta	cctgtacttg	tatcccagaa	420
cttactatat	gcattttgta	ctagaggaaa	actctgaagc	agttgcttaa	actttgttca	480
acatcagaga	atttatattg	gagagaaatc	ctacaaatgt	aataaatgtg	gaaaaacctc	540
tgttcagaaa	ctgcagggtta	agaaaccaga	ggccaggcgc	ggtggctcac	gcctgtaatc	600
ccaacacttt	gggaggccaa	ggagggtgga	tcacctgagg	tcgggagttc	aaggacagcc	660
tgaccaatat	ggagaaacct	cgtctgtact	aaaaatacaa	aaattagcag	gacatggtgg	720
tgcatggctg	taatcccagc	tactcaggag	gctgagacag	gagaatggct	tgaaccagg	780
aggtggaggt	tgcggtgagc	tgagatcgtg	ccattgcact	ccagcctggg	taacaagagt	840
gaaactctgt	ctcaaaaacaa	gataaaaaga	aaagaaacac	cagagaattt	ttactagaat	900
ataatttg						908

<210> 3719
 <211> 1091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1092)...(897)
 <223> similar to gi206810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3719

tttttttttt	ttgcaagtta	taaaatgttt	attgatatac	atthttgtctt	ttataaaact	60
tccgttgccc	acattgggcc	actgtgcacc	acagtgccag	tccccaggtg	gccagggcgg	120
agccagtgtc	cacttttcggg	tgggggctgg	agccaagagg	ctgtccagga	gctgcccagt	180
gggtcctcat	ggcctgcggg	atacctcaag	tgctcccggg	ggcagcctag	gactggctcg	240
ttccggagtc	agaaaaggca	ggtcaactac	ccaaggcggc	caaaggccct	tctgtctctc	300
agagccttga	cataaccaga	aatcccccca	tcaaagtcac	caaatgactc	gacgggggga	360
agggaggttg	tttgagaaa	gacttagcta	caaggcatgt	gaaccagAAC	tttcttccag	420
acaccatttc	cttcacattt	gctcactgat	aatgccttaa	gaggatcgaa	tctctggaac	480
agccctgaat	ggcagggatg	aggctgctgg	cctgggtgctg	gctgggacac	agtcaaggag	540
ggctgaccca	agaggcagag	gtggctaggc	tgggtgttga	cctcctctct	tttaccaacc	600
agcctagggc	aaggaggggc	cccaccacct	gggggcaact	tctgtacaag	aggtctctag	660
gggagcagaa	tgggtggggg	agccgggag	gggccacagg	gtctgtttgc	tgggtggctgc	720
ccagtctccc	agccaccctt	ggagtcacca	gccaggagg	aaggaggccc	gaggagagga	780
aacagatctt	tcttctctct	tatggactca	gaagcaggtg	cccattctct	tcccaaggcg	840
aagggtcttg	gaggccgctt	cctgcccctg	cctcctccag	gcgctggagt	ctcaggaggc	900
gttccccggg	ggacactgca	tctccatggt	gactgtgttg	ggcgtgctgc	ccccggcctc	960
ccccagctca	gcgcctgccc	gcaaggcccc	ctgggaagac	accctgagcc	gctcccaaca	1020
gccgttgggc	tttgtccctt	ccggggcaga	aggtaaccgt	tggggctggc	gctgggttgg	1080
gtgcagatgc	a					1091

<210> 3720
 <211> 2001
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2002)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (376)...(947)
 <223> similar to gi5545343 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3720
cagcgtggcg gaattcctgg aaagtccag gaagactctg ggtctgtgga ctgggctctg      60
gggccatttt ggggaatttt ccaggctgat tttggctgta tgcgatttta tctttctgca      120
cagacatcag accctgtcct caggatgtga tggggccctt ccccatctc ccatcctacc      180
agcctgtgtc caggtggggg tggggcaggg cagacaacag ggtccctgtg tctcgggcag      240
caatgctgcc ccttttctg cccaacatc ccagcagac acaagagatg gagactatga      300
gctgctctcg tggctgggtc tgggggtcc tgcacctca ggagctgacg ctgacgcact      360
ccactgcctg tcaccaggaa cctacctgc gccatcttca tctccatccc actggtgacc      420
ttcgtgtaca cgttcaccaa cattgcctac ttcacggcca tgtcccccca ggagctgctc      480
tctccaatg cgggggctgt gaccttcggg gagaagctgc tgggctactt ttcttgggtc      540
atgcctgtct cgttggtctt gtcaacctt ggagggatca atggttacct gttcacctac      600
tccaggctgt gcttctctgg agcccgogag gggcacctgc ccagcctgct ggccatgatc      660
cacgtcagac actgcacccc catccccgcc ctctcgtct gtgcccatac aggtgaacct      720
tctcatcccc gtggcgtaact tggcttctg ggccttctg ctggctctca gcttcatctc      780
agagcatatg gtctgtgggg tggcgctcat catcatcctt acgggggtgc ccattttctt      840
tctgggagtg ttctggagaa gcaaaccaaa gtgtgtgcac agactcacag agtccatgac      900
acactggggc caggagctgt gtttctgtgt ctacccccag gacgcccccg aagaggagga      960
gaatggcccc tgcccacct cctgctgcc tgccacagac aagccctcga agccacaatg     1020
agatttttgt agagactgaa gcagttgttt ctgtttacat gttgtttatt gaggaggtgt     1080
tttggcaaaa aagttttgtt ttgttttttt ctggaaaaaa aagaaaaaag atacgactct     1140
cagaagcctg ttttaaggaa gccctaaaat gtggactggg tttcctgtct tagcactgcc     1200
ctgctagctc ttcctgaaaa ggcctataaa taaacagggc tggctgttcg ctctgtctat     1260
ggggagtcce tgatgggcac agacgggagt ggctggggcg tacctcggtg ggtgcacaca     1320
tgttgctggc caggaagatg ccgtggcagg ccctggagga ggctcttgac attagggggc     1380
tttctgtctt gacacaggcg ctccctacca tggcacccag agtccccctg ccctaaaggg     1440
atgtcgagga tggggtagca gctcagtcgg cccctacccc agggccctcg atgccagtct     1500
gagctcggcc acccaggaga gctcaggggc tccaggctgg gattgtcttt cttcccgtaa     1560
atcaccacag agtgaaggtc aggacttcag agccacagc ctcacctgg cttacagggtg     1620
gggaaaccga ggccctgaga taggatggaa cagacgtggc cactgctgtt ggtgcctcgg     1680
cctctctgtc cccagaaagc acagagcagc atgtcctggg ggctttgagg cctgcaggga     1740
actccagggg cttcatgtac agcaggcaca cccccagcc cttccacggt gcccaggaga     1800
ttggaccttc agggagggca aagggcgcc tgcctggccag gggcatgagg gtttggcagg     1860
agccacccaa cccaggctct ccagaggcct tgctggacag gaagagggtg aggcgtgagc     1920
aaaatagtca ccacggatga gaccagcgt cccgaattcc tccacatgga ctagtgatgt     1980
cgaacaaann nnntgtctc a                                         2001

```

<210> 3721

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (38)...(399)

<223> similar to gi2258274 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3721

gccgatgcgc	aatccccggtt	cgagccacgc	gtccggtgga	gacgcgctgt	cccagaagag	60
gtctgataag	ccgccctttg	ctccatctgc	agggctgaac	ctgaggctgg	tgaggagcag	120
gcaggtgacg	acagggacag	tggcgcccc	gtcctccagt	ttgactacga	ggcagttgct	180
aacagactgt	ttgaaatggc	cagccgccag	agcaccctt	ctcagaacag	aaagcgtctc	240
tacagagtga	tccggaagct	gcaggacctg	gcaggaggca	ttttccctga	agatgagatc	300
ccagagaagg	cctgcaggcg	cctgcttgaa	gggaggcggc	agaagaagac	gaagaagcag	360
aagcgtctgc	tcaggttgca	gcaggagaga	ggtaggacta	gggggtgtgt	tagtcatgga	420
gccggcgctc	tcacctgctt	gcttctcccc	tggatggggg	tcacctgcag	tgtctcccc	480
tgaagcatga	gtgccgagtc	ccccatcctg	ggtgcttgc	atccacgc	atccacgc	540
ccctgtcctc	ggcatccctc	ctgtaggcct	ctccctgcct	ccccaccca	ccttcttctg	600
ctgcagctcc	cccagagctgt	gtgcgctgcc	ctccctcccc	gtctggagac	atcctcctgg	660
ctgggctgcc	tccttccgtg	cctccgacga	aatcgtcgac	ccgagaaatt	ccggagcggt	720
nnnaaagg	c					731

<210> 3722

<211> 1118

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1120)...(191)

<223> similar to gi2276308 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3722

attctatccc	ggtccacagt	ttaggaacca	tggacaaaag	tccaaggacc	agaggcatgg	60
agttttcatt	agaaggttct	gaattcatct	aatggctggt	tatttttaca	gatgccaaat	120
ttacaaaaca	tacaagtgca	cagacaggtg	tgggaggtag	ctcgaaacat	acagagtgtt	180
cgcaacacta	gagacgtctt	ctggctgcca	tcaggggact	cggaggtagg	gtaggcttgg	240
tgaggccccg	ggcttgtgtc	cgtggcacag	cctcctgcaa	aggggctgcc	ctgctcccc	300
gttcccatgg	tgccaggccg	tgctccccag	gtgcctccgg	ggtgctgaag	atcttttcat	360
agtactcgat	cagcagttca	gtgaacatgt	tcaggggcac	aagggcactc	agggaggaga	420
ccccctggga	tggccagatc	aaattcagcc	cgaagacaca	ggccagggtta	gagctgttca	480
ttttgttgaa	gatgctctcc	cgggacaccg	catgcaggaa	gcccattagg	tagcggagga	540
cgacgtagtt	gtgctctggg	aggctccgta	agatctggcg	gcagccagt	acacgcaggc	600
tgctctccac	acaggtgatc	ccaagaatct	gctcgtaggc	ctggaaggtc	agaagcggct	660
ggggcagctc	tcgcaggaag	gtcttcagga	tcacggcagg	gatgtgaatg	tccccgtagt	720
cgtcaaagtt	cacgggcttc	cccttggttg	tagagcctct	ggatctcgcg	gacggctctgc	780
acgctggcgg	atctccggaa	caggccctcg	gtgcgcaggc	actattgcag	actgacgcca	840
aactgctgtg	tgggcagcgg	gggcccgcgg	ggtggtgtct	tgggtggagg	cggcgtccgg	900
cctcgtgca	ggctctggag	cttctcatcg	tccgcaaaac	ttcgggaggg	atgaccagct	960

```

ggtcgtatatt aaggtgttcg tggagctcac tcaggtagtt gaaatagatg actttcttcc 1020
caaacttggtg ctgatgaggg gcttcaagat gttccacagg accttgatga agctgggtggg 1080
gtgcaccacg tagagggcct tcaagttctt cttgtacc 1118

```

<210> 3723

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (38)...(427)

<223> similar to gi2342647 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3723

```

gcgtacctct gccctttgct gccctgtttc tcctcctccc cacaggccgc aacaccctgg 60
cccagcctcc cattccctgc tggacgccct ctccccaggg cgcacagggc tggttcctcc 120
gaggcacctg gcttccagt atggacctct ggccctgccc caacctgcgc acttggggcc 180
tgacaggcgt tccccgattc atccctccag gaacaagaaa accaaacact gcatttcttg 240
caataagtgt gtgtccggct tcgaccacca ctgcaaattg atcaacaact gcgtgggaag 300
ccggaattat tggttcttct tcagcactgt ggccctagcc acagctggca tgctctgcct 360
gatcgccatc ctgctgtatg tcctcatcca gtacctctg aaccccgggg tgctccgcac 420
ggaccccagg tatgaagcag cgccaggacc ctgaccagga ggacctgggc cagagaagcc 480
cctcgggggt caggacaaga ctgccagtct cagccccagg catggctgca cccgcaactgc 540
acacggcccg ggtggcgaga cagggaggac ttgcctgccc ttgttccaga acattccgga 600
gccaacacgg tgtgacattt ttttcaagga tgagctttgc cagctccacg tgggaagtecc 660
taaaactcct ccttccactt cgaagcgtga ctgatgcctc cagggcctca cagccgcttc 720
tgaagcactt cctgaaagcc agctccaccc tggcgaggcc ctgacctcag cggacccaag 780
cccaggacga tgctgttgct gttcttctcc ccctgtagca agtcaccttc cccagcagcc 840
tccatgttgt ctgggctctc cctgtggggg atgccagggg agagtgagag agcacag 897

```

<210> 3724

<211> 1093

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (874)...(110)

<223> similar to gi5689523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3724
gcccccgctg ctgcgggttcc agcgggtcct gtgcggggccg cccagccggg aggggggtccc 60
gggagggggtc ggctctcctg gtgctgatga tggcagagcc ttacagggac ttccccgctg 120
agcaagggtcc ccaggcagca ggggtggttag cggcgtgggg ctgcctatca cctgctgtc 180
gtcggcgctg ggcggggccc acaggctgct ggagtagctg gggcaccg cccacagca 240
gtcactgct ccccttgcca ccaggcacg gggcggtcca gtggccagcg tcgctgcgta 300
ccaggccatg ggagctgccc gctgcgctga gccgcggctg gctggacgcg ctgctggact 360
gccagctgga agtgggtggc agcgccctggc cttgggctaa gaagcgattc acttcttctt 420
caccagcgaa ctgcggccagg atggtagtgt ttcccaggac gcacatgtgc agagacttct 480
ggggccttgg cagcctcctc cttggagctg taccggacca cagcattgcc ttgagtcaga 540
ttcaggtgga atgtgataag agggccatgt tgcaaacaca atgtccgag tgtagaacca 600
tcaatctggg gagtgaggtt tcgaagaacg agccagctgc tggttcttcc tgaggtgtcg 660
gtgctccagg cagaaccgga ggagtaggag ctggtccagc cgaggggggt ggcacccag 720
gtggaggagg gcttgggatt ggtaaccct ggaggtggcc tcgtgggtgc agtactgttt 780
ctgggcacct tccatagttc atgagacaga gaggcttgcg tgtgggaggt agggccagag 840
gaccacgtcg atttgatgtc tgacagttaa cctagaaagg cagagagatg gagcatatgc 900
agtcttgaga caaagaagaa aactcactgc tgtgtttggg gagccacaca gagtgtctc 960
taacaccagc agactgtgtg ataggcaaag aaacaccaag tcaagcccct ggcaaaactca 1020
agtaaccaca aattcccaga agtgttttgc ctctaagttt tcaaaacctt gcagagcccc 1080
tgtcttgacg aaa 1093

```

```

<210> 3725
<211> 7150
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(7151)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(5079)
<223> similar to gi533095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3725
gaattccaga gggcccgccc ttccggcaga acacacctct tctttggtgc cttctctgca 60
tatcaccaca ctgggtcaag agcaagccat cctttctggg gcggttccc catcaccatc 120
aactgggaca gccgactttc cctccatact tactttcctc cagcccacag agaatcatgc 180
ctccccatct cctgtgccag aaatgccac tctccagca gagggcagtg atgggtcccc 240
tctgcaact agagacttgc tcctctcaag caaagttcct aatcttctt ccacatcttg 300
gacatttccc cggtgga aaa aggacagtgt gacagccatt ttagggaaga atgaagaggc 360
aaatgtgacg attcctctcc aggcctttcc aaggaaagag gttttgagtc ttcacactgt 420
aaatggattt gtctctgatt tcagcacgg tagtgtctca tctcccatca ttacagcacc 480
aaggacgaat ccccttcctt caggaccacc tctaccttcc atactctcca tacaagccac 540
ccagactgtt ttcccatctc tcttggttt ttccagcacc aagccagagg tttatgcagc 600
tgctgtggac cattctgggt tgccagcttc agtcccaaa caggtgagag catcgccctc 660
ctccatggat gtatatgatt ccttaacaat aggagacatg aaaaagccag caaccacaga 720

```


tgttttctgg	agttctcttt	cagcagaaac	tggatctctt	tccacagaat	caataatatt	780
tggcttgag	cagcaaaaca	attatgattt	aatggacac	acaattagca	ccacaagttg	840
ggaaactcat	ttagctccaa	cagctcctcc	caatggttta	acttcagctg	ccgatgccat	900
aaaatctcag	gatttcaaag	atactgctgg	gcattcagtg	actgcagaag	ggtttagtat	960
tcaggatcta	gtcctcggtg	caagcattga	gcagcctgtg	caacagtcag	acatgaccat	1020
ggttggaagc	catatagacc	tctggcccac	aagcaataac	aaccattcca	gagacttcca	1080
aacagctgaa	gttgcatatt	actcaccac	aactcgacat	tccgtgtctc	atcctcagct	1140
acagttgccc	aaccagccag	cacatcctct	tttgctaacc	tcaccaggac	caacttctac	1200
aggtagcttg	caggaaatgc	tttcagatgg	aacagatata	ggttctgaaa	tttccagtga	1260
catcaattca	tcacctgaga	gaaatgcttc	cacaccattc	cagaacatct	tgggatataca	1320
ctctgctgct	gaatcttcta	tatcgaccag	tgtctttccc	aggacctcct	ccagagtgtct	1380
gcgggcttct	cagcacccca	agaaatggac	agcggacaca	gtatcatcta	aggtacagcc	1440
aacagcagca	gctgccgtca	cattgtttct	gaggaaatca	agtccacctg	cactgtctgc	1500
agccctgggt	gctaagggca	ccagcagcag	ccctttggcc	gtggcctcag	gaccagctaa	1560
gagcagttcg	atgactactc	ttgctaaaaa	tgtcacaaac	aaggccgcat	ctggcccaaa	1620
gaggacacca	ggggcagtc	atacagcctt	cccattcaca	ccaacctaca	tgtatgcaag	1680
aacaggacat	accacgagca	cacatacagc	catgcaagga	aacatggaca	ctgcctctgg	1740
cctgttgtct	acaacttacc	tccccaggaa	accacaagcc	atgcacaccg	gcctcccaaa	1800
ccccaccaac	ctggagatgc	ccagagcatc	cacgccacgc	ccactgacag	tcacggccgc	1860
gctgacatcc	attacagcct	cagtgaaggc	cacccggttg	ccaccattgc	gagcagaaaa	1920
cacagatgct	gtccttcctg	ctgcatcggc	tgcagtggtc	acgactggca	aaatggcatc	1980
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tccacatagg	gcattcaatg	cacttgaatg	aaccaaaagg	gccaaaagaa	ctcagcctgt	7080
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<211> 1652
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1203)

<223> similar to gill109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3726

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ggccctttta	aaggaaccaa	tttaacgcc	cgggggttgg	gaaggaaaaa	tttttttaag	1560
ggggccccaa	aattaaatc	cggggccggg	gtttaaaaac	ggggggaggg	gaaaaacccg	1620
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<210> 3727

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(806)

<223> similar to gi5870832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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agaggcagct gaagaagcag tactactttg actgcacatg tgaacactgc cagaaaaaac      180
tgaaggatga cctcttctctg ggggtgaaag acaaccccaa gccctctcag gaagtgggtga      240
aggagatgat acaattctcc aaggatacat tggaaaagat agacaaggct cgttccgagg      300
gtttgtatca tgaggtttgt aaattatgcc gggagtgcct ggagaagcag gagccagtgt      360
ttgctgacac caacatctac atgctgcgga tgctgagcat tgtttcgag gtcctttcct      420
acctccaggc ctttgaggag gcctcgttct atgccaggag gatggtggac ggctatatga      480
agctctacca ccccaacaat gcccactgg gcatggcctg gatgcgggca gggctgacca      540
actggcacgc tggtaacatt gaggtggggc acgggatgat ctgcaaagcc tatgccattc      600
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agacggagat ggagctacgc atgttcgcgc agaacgaatt catgtactac aagatgcgcg      720
aggctgccct gaacaaccag cccatgcagg tcatggcga gccagcaat gagccatccc      780
cagctctgtt ccacaagaag caatgaggac tgcccagtgg aggaggggag atgtggctgg      840
ggagctaggg agagactctg gaggtgggtg gtctctgggg agaccctaa tgagggaagt      900
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agtgaagctg agagagaatc ttggaaacac acatacctgt tgatcatggg ccctgcagaa     1740
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<210> 3728

<211> 1447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1449)

<223> similar to gi6016005 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3728

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actgccgcct	cgggcgcgcg	cgccctctca	gcctcggcgcg	ccgccgcctc	agccgcgcgc	180
gcccccaata	atggccagaa	taaaagtttg	gcggcgcgcg	cgcccaatgg	caacagcagc	240
agcaactcct	gggaggaagg	cagctcgggc	tcgtccagcg	acgaggagca	cggtggcggt	300
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gatttgccca	actttacccc	tttcccagat	gagtggactg	tggaagataa	agtcttattt	600
gagcaagcct	ttagtttttca	tgggaaaact	tttcatagaa	tccaacaaat	gctttccaga	660
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acatggtaaa	gaagagacca	atgggcccag	taaccagaag	cctgtgaagt	ccccagataa	1380
ttccattaag	atgcccgaa	aggaagacga	ggctcctgtt	ctggatgtca	gatatgcata	1440
tgccctcc						1447

<210> 3729

<211> 897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (900)...(388)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3729

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aataaagtgc	tttggcccac	tacctgaata	aaggcaaacc	tgcaattgag	tggagccctg	180
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aagcctttag	cattttctcag	atcctcacc	acctgtcctg	agtcggcatg	tccgggactc	360
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ggcagagctg	caccggaagg	ccttcccaca	ctcgtgcat	tcgtagggtt	tcacgcctgt	480
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cactgaagaa	tttcccacat	tcattacatt	tatatggctt	ctccccgggtg	tgggtctttt	660
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acgctgcgca gtaactgaag gccttccac actcgtgca cttgtagggc ttctccc

897

<210> 3730

<211> 3788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(2384)

<223> similar to gi3043558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3730

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cccccatgtc	agtggcttag	gatggccagt	gaaggcacca	acatcccaag	tcctgtgggtg	180
cgccagattg	acaagcagtt	tctgatttgc	agtatatgcc	tggaacggta	caagaatccc	240
aaggttctcc	cctgtctgca	cactttctgc	gagaggtgcc	tcgagaacta	cattcctgcc	300
cacagtttaa	ccctctcctg	cccagtgtgc	cgccagacct	ccatcctgcc	cgagaaaggg	360
gtggccgcgc	tccagaacaa	tttcttcctc	acaaacctga	tggacgtgct	gcagcgaact	420
ccaggcagca	acgctgagga	gtcttccatc	ctggagacag	tactgctgtg	ggctgcggga	480
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gagaattcat	gttgaagttt	ggctcaaatg	gagaaggaaa	tgggcagttt	aatgctccaa	2160

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tctgggttag	acaaagatcc	ttttttgtgt	gttcttttca	ccaccccttt	ggctcacctt	3060
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gtattatata	tatatatata	tatacacaca	ccacatata	atagctgaat	ctttggtgta	3600
ttgaaatagg	cagcactctg	aaagacagaa	gcttcgtcca	gccactcttc	agcacattcc	3660
tttactaagc	agtttaagc	cgtcctagtg	gagcaagccc	taaagcagat	ttaatttttg	3720
ccattttcca	agaatgacgg	tggtggcttt	tagtcagaaa	atggccttct	gtgctttcaa	3780
aaaaaaaa						3788

<210> 3731

<211> 574

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(381)

<223> similar to gi3041847 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3731

tctggatcga	ccagtcaggg	gacatcgaga	ttgtgaacca	taagaccaat	gaccggtgcc	60
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ccagccacct	ctaagcacc	cagggggccc	agggcagagt	ctgcacctac	gctggtcctg	180
ccaatgtcca	caggtgacag	gagtggtag	tgacagccag	ggcaaggccc	attacgtgct	240
gtccggctcg	tgggatgaac	aatggagtg	ctccaaggtc	atgcatagca	gtcccagcag	300
ccccagctct	gacgggaagc	agaagacagt	gtaccagacc	ctgtcagcca	agctgctgtg	360
gaagaagtac	ccgctgccgt	gagtagggct	ggcaggggcc	ccgccacagg	caaaggagag	420
ggaaggaggt	cagtggacag	aaagcaactg	acaggcacag	gaggtcggga	gggttcagtc	480
cacacatggg	cagagaacag	tattatgcag	ccgacatccc	agtgtgaagg	cagacaccga	540

<210> 3732

<211> 3438

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (821)...(1863)

<223> similar to gi2565065 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3732

gcgcccggagt	tcccgaatga	cgatctatgg	tcgcttcgcc	attcgcgcta	agccatagtg	60
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agcaatgcct	tcctcggcca	tggcgggtggg	atacggatga	agctgaatct	tgaacgcacc	180
caagcctccg	cctccgcgcg	actcgggtgga	ggcgggtggcg	gccaagcggg	atacgggagg	240
cgggagctgg	ggaacaggca	tggacgtttc	cgggcaagag	accgactggc	ggagcacccg	300
cttccggcag	aagctgggtca	gtcaaatacga	ggatgccatg	aggaaagctg	gtgtggcaca	360
cagtaaatacc	agcaaggata	tggagagcca	tgttttcctg	aaggccaaga	cccgggacga	420
atacctttct	ctcgtggcca	ggctcattat	ccattttcga	gacattcata	acaagaaatc	480
tcaagcttcc	gtcagtgtac	ctatgaatgc	actccagagc	ctgactggcg	gacctgtctc	540
gggagccgct	ggaattggca	tgcctcctcg	gggcccggga	cagtctcttg	gcgggatggg	600
tagccttggt	gccatgggac	agccaatgtc	tctctcaggg	cagccgcctc	ctgggacctc	660
ggggatggcc	cctcacagca	tggctgtcgt	gtctacggca	actccacaga	cccagctgca	720
gctccagcag	gtggccgctg	cagcagcagc	agcaacagca	cgcagttcca	gcagcagcag	780
caggcggcgc	tacagcagca	gcagcagcag	cagcaacagc	aagcagttcc	aggctcagca	840
gagtggcatg	cagcaagcag	ttccaagcaa	gtagtgcagc	agcagcagca	gcttccagca	900
gcagcagcag	cagcagcagc	atctaattaa	attgcatcat	caaaatcagc	aacagatata	960
gcagcagcaa	cagcagctgc	agcgaatagc	acagctgcag	ctccaacaac	agcaacagca	1020
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gccaccgatg	cagcagccac	agcctccgcc	ctcccaggct	ctgccccagc	agctgcagca	1140
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gaaccaacca	tcacaactcc	cgccacagtc	gcagaccag	cctttggtgt	cacaggcgca	1260
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cacccatcac	ggccccagtg	gtgtgcaccc	ggaagcgcag	gcttgaggat	gatgagcggc	2160

agagcatccc	cagtgtgctc	caggggtgagg	tggccaggct	ggaccccaag	ttcctggtaa	2220
acctggaccc	ttctcactgc	agcaacaatg	gcactgtcca	cctgatctgc	aagctggatg	2280
acaaggacct	cccaagtgtg	ccaccactgg	agctcagtgt	gcccgtgac	tatcctgccc	2340
aaagcccgt	gtggatagac	cggcagtggc	agtacgagc	caacccttc	ctccagtcgg	2400
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gaggaagcct	gcaagtccag	ggcacaggct	gccttttgga	gggagggctg	gcccataggt	3060
gctgctggct	ccccgccacc	agctgggcct	cagccctcac	ggcattcctg	ctgagcaccg	3120
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gggagcgct	ccctatgttg	cctgccactc	tgggcaccgg	ccagcaccct	ctggtgagaa	3360
gaggtccccc	ctttttatgt	gcactacccc	accatctgtg	attataataa	atttattatt	3420
cctgtgttaa	aaaaaaaa					3438

<210> 3733

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (784)...(392)

<223> similar to gi3876099 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3733

tttttttttt	ttaattatga	atgctctttt	attaaataat	tatgacacaa	atgacagcca	60
aaatatttat	tattgggttaa	tataccagtg	gaaaatctct	gacctaaaac	aaatttttga	120
gccactggaa	aagtgaactt	tctcacagaa	atattttaatg	ttgtcaaaaag	aatactctgt	180
tttaacaata	actccattaa	tttattactt	taaaagatgc	acagtgctgc	ttttacacat	240
taaaatttca	gtgacatcaa	caacataact	atatgttaat	attttgaact	aacatttcaa	300
atgtagactg	accacatggt	tgatttaaag	cttaaagaat	caatgttccc	ttttgtgaag	360
atggcttttg	ttgtcattag	attctactga	tttttttagga	atagagctgc	tccacactga	420
atccactggt	cttggttgcc	cccacatgga	acatcaatat	tggttaaccac	acgatccctt	480
tcagcacttg	tgtaaacagg	caaagagatg	cactcatccg	gagaatatgg	accacatgca	540
tcctgtggaa	tccagcccat	aaaacaaggg	agcactgatg	acacgctggg	agaatcaagc	600
tgattttcag	aaagttgatt	tccatcaaaa	ctacatcctt	ctagtaacaa	gccactgatc	660
ttaattttgta	gcttttgcttc	ttgcagtcga	cccttccatg	aggctacaaa	ttttaggcta	720
tccacagaac	gacccacttg	cccttgcaagt	tttcttgcca	agagcattta	agaaatgtgt	780
tgg						783

<210> 3734
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1194)...(234)
 <223> similar to gi4753887 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3734

tttttttttt	ttactacaaa	ctgtttaatt	gtttcttatt	ccaataaactt	tacaaatata	60
gaaccacatg	ctagtctggg	ggtgctgtgc	agtgaagtcac	tacaaactcg	ctcaggcaca	120
gcttaatgcc	gctgagatcc	atctaggagc	agtcccagcg	gtggcctcag	ccacgtgagg	180
aagagggctt	tgaggagggg	ctgccaagt	tggccagggg	acccggcctc	aggtctgtgg	240
aggtgcttca	acagcacgat	gctcattctc	tgtccgtagt	gtctccatat	actttctcat	300
cttctccacc	atccaggagg	gtaggacaaa	ggatttcaat	tcctctagct	tcagatccag	360
gcacccctctg	taatcatcac	tggccgcaag	gtcccggatg	tcctcctcga	tgaggaggta	420
ggccatcttg	ccccctgttg	cccgcagtgt	atgctgctca	gccagccagt	gcttatcctg	480
ggggctcagct	gcatacttaa	agaggtgtgg	gtgcttgatg	tagattcttc	ctctgggtgcc	540
ccccatcccc	agggctttgt	tggctcgaga	tcccaacaca	aaggtggtag	attcattcag	600
gcgagctggg	tcccacttgg	ggccttcccc	gcgaattggg	tcacaggatt	ttggtttcca	660
taccatgccg	gcggctgccc	ggctcgcttga	caggatgtgt	ccaggaggcc	gtcctttcct	720
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tttagcctgc	tccaggcagc	tccgacaggc	ttcctggatc	agctgctctg	cgtccacctc	900
ctccccaaqa	ttgtctcgca	cgttcagtgc	tgccttcttg	aagaacttca	tgtacttggt	960
gaagacagtc	tggatctcct	cgttgatgct	gggctgcagg	acagctcgga	ggagatccat	1020
ggagatggca	ggatctgtga	aacttggtgt	catctgtgag	cggcgggccc	tccgctgcac	1080
ctgccgggtgc	tttatcatta	tgttccaagg	gttcgtaaga	accagctgcc	ccgctgcgcc	1140
cgcaccccc	agctccaagc	cgcctctctc	ggccccgctg	ggccccgcg	gctgctcggc	1200
gtcgccagtg	gctcccatgg	cgcctccggc	ccccacaact	ccgctggact	ctgtccggac	1260
gcgtgggtcg	agcg					1274

<210> 3735
 <211> 2748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (183)...(442)
 <223> similar to gi625042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3735

tgaagtcttg	ctcgtgtttg	agttgtttgc	ttgtgttcaa	aactaaggct	acttgaaatg	60
tgcatattta	ccatgctaaa	tttatagctc	taatatattga	tgactaatat	gttaaaggta	120
ttatctaagt	gagaaagaaa	aaagtccatc	tctgcaaata	ttagatacgg	tacatacttt	180
gaatatccag	agtttgtaat	atgttatatt	tggacagggt	ccctgaagaa	tttgacaaga	240
cgtcatttca	caaagtgcgc	cattctgagg	atatgcagtt	tgcttctct	tatttttatt	300
atctcatgag	tgcagggcag	ccactgaata	tatctcaagt	ctttgatgaa	gttgatacag	360
atcaatctgg	tgtcttgtct	gacagagaaa	tccgaacact	ggctaccaga	attcacgaac	420
tgccgttaag	tttgaggat	ttgacaggtc	tggacacacat	gctaataaat	tgctcaaaaa	480
tgcttctctg	tgatatcacg	cagctaaata	atattccacc	aactcaggaa	tcctactatg	540
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aaatccacaa	agcatataag	gacaaaaaca	aatatagggt	tgaaatcatg	ggagaagaag	660
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taagaaaaaa	ccctaggaag	tttgtttgcc	tgaatgacaa	cattgaccac	aatcataaag	780
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tcatttgaaa	accatctacc	tcagcattta	ctgagcattt	taaaactcag	cttcacagag	1140
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gctgttttgt	ggcatgaata	tagccactg	accaggaatt	atttaacca	cccactgaaa	1260
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tcactctttt	tataaaaagg	ctcactgaca	agagacagct	gttaatttcc	cacagcaatc	1380
attgcagact	aactttatta	ggagaagcct	atgccagctg	ggagtgattg	ctaagaggct	1440
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atttttaagt	agttactaag	tttaactagt	attcttgctt	ctgagtataa	cgaattgggg	1560
atgtctaaac	ctatttttat	agatgttatt	taaataaggc	agcaatatca	cctcttattg	1620
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accagatgta	attatgtttt	ggaaatgtac	atattcaaac	agaagtgcct	catttttagaa	1860
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ttgtaaaaag	ctggttagta	aattattgca	ggccacctgt	gtctttgtca	tacattcttc	2040
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acaggcataa	gccagtgcac	ccagccgaga	attagtattt	ttatgtatgg	ttaaaccttg	2520
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<210> 3736

<211> 4917

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (4918)...(0)

<223> similar to gill136426 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3736

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aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atgttgatat	540
tcgaaacggc	tagataaatt	ttggggggct	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaatttt	aaggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
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caggcgcagc	ggggtctgcg	ggggccgctg	ccgccgcgcg	cccaccaggc	tgccccgggc	4860
cagcttctgc	agctccaccg	gcaccacggc	gctcgggcag	tgttctcga	tgtagtc	4917

<210> 3737

<211> 1858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1023)

<223> similar to gil710222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3737

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aactaagggg	acttgatcct	tcacttggtg	cagcaaata	cagtcctagt	ggcatgcaga	180
cacgctgtgt	ctgggtctct	ttggcttctc	cgtctacgag	cattttaaag	agaggactaa	240
aaagatccca	agaagatgaa	atctcatcac	ctgttaataa	ggttcgccgt	gtctcctttg	300
cagatccaat	ataccaagca	ggattggcag	atgacattga	tagacggtgc	tcttattggt	360
aggtoeccatt	cttccaatag	ttctcccata	gggaaaaagt	gttaaaactt	ctcctactta	420
cacatctaag	gtttcagaaa	tggccaaaga	atccatacca	tgcccaacag	aaagtgttta	480
cccaccattg	gtgaactgtg	tggcaccagt	tgacatcatt	ttacctcaga	ttacatcaaa	540
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agagattcca	gtttttgata	tttctgaaaa	aacagtaaat	ggaatagaaa	ataaatcttt	780
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atgctttctt	aaaccctgtc	atattctggt	gaaacatgta	aaatacttta	agtaaaattg	1380
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gaataccttg	gttctgttca	atagaaacat	tttgtatata	ttgaatactg	aaatatca	1858

<210> 3738

<211> 2049

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (629)...(80)

<223> similar to gi55471 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3738

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cagacctttg	tgccctggag	ggagccaacc	caccctgaca	cggagacact	ggcagaatag	180
accagagtgc	ggcaaagggt	tcgcggacag	ctccgcccga	gtcaaacacc	tccgcacca	240
cagtggcgag	aggcccatg	cctgcccggg	atgcgaccgt	accttcagcc	tcagctccac	300

ccttcttcgc	caccgcctca	ctcacatgga	gccccaggac	ttcagettcc	caggctatcc	360
cctacccgct	ctgatcccca	gcccaccccc	accttctctg	ggcaccagcc	ccccgctgac	420
acctcgaagt	ccctcacact	cgggtgagcc	ttttggcctg	cctggcttgg	agccagagcc	480
tgggggcccc	caggctgggg	agccaccccc	accactggcg	ggcgacaagc	cccacaagtg	540
ccctgagtgt	ggcaagggct	tccgccaag	ctctgacctg	gtgaaacacc	atcgtgtgca	600
cacaggggag	aaaccctacc	tctgtcctga	atgcggaag	ggttttgctg	acagctcagc	660
ccgagtcaag	cacctccgca	cccaccgtgg	tgaacggggc	cggccaccac	caccatccac	720
tctgctgcgg	ccacataacc	cacctggccc	agtacccatg	gcccctcgac	cccaggttcg	780
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cacatttcca	tgtgtctttt	taccaataaa	cggcttctct	tctgaggctt	ggacagtgtg	1920
tgtgtacaca	caggcatgaa	aaaggtggag	aggggtctct	gcgcgcaaaa	ctcagactgt	1980
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aaaaaaaa						2049

<210> 3739

<211> 1538

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1539)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (6)...(751)

<223> similar to gil845345 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3739

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actctacctg	ctgctgtcca	ggctggagta	tgccagggtac	tacatgaggc	ctgttcttgc	120

ggcccatgtg	ttttctggtg	aagaggagct	tccccaggac	tccctcagtg	ccccttcggt	180
ggcctccaga	ttcattgatt	cccacacacc	ccctctccgc	cccacccctga	agaagacggc	240
cagcctgggc	ttctgtgtca	cctaogtctt	cttcatcacc	agcctcatct	accccgccgt	300
ctgcaccaac	atcgagtccc	tcaacaaggg	ctcgggctca	ctgtggacca	ccaagttttt	360
catccccctc	actaccttc	tctgtataca	cttctgtgac	ctatgtggcc	ggcagctcac	420
cgcttgatc	caggtgccag	ggcccaatag	caaggcgctc	ccagggttcg	tgctcctccg	480
gacctgcctc	atccccctct	tctgtctctg	taactaccag	cccccgctcc	acctgaagac	540
tgtggtcttc	cagtccgatg	tgtaccccg	actcctcagc	tccctgctgg	ggctcagcaa	600
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tggttcaagg	gcgtaataca	atacttgctg	attcaaaa			1538

<210> 3740

<211> 670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (630)...(352)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3740

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<210> 3741
 <211> 4539
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (4540)...(1914)
 <223> similar to gi2661424 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3741

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aaagtttcaa	tagacatttt	tctcacctat	attgcacgtt	tttctgaagc	ccttggtgcaa	300
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<210> 3742

<211> 4063

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4041)...(1075)

<223> similar to gi50479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3742

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<210> 3743

<211> 688

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(229)

<223> similar to gi403020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3743

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cagctgccct	ggcaaggaac	aacagccgtg	ttagccctgt	gcctctttct	ggggctgctg	180
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gctgtgataa	gtgtaccttc	acctgtccca	ggtgatgaga	gcctccagca	acatatagaa	600
aagcacaatg	aactgaaacc	ttacaaatgc	cagctctgct	actatgagac	caagcacacg	660
gaggaaactgg	acagccacct	tcgggatg				688

<210> 3744

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(213)

<223> similar to gi4580997 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3744

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cctgagcaga	ggcagcgggt	ataaagaaat	atgaggcccc	aattggaaca	gcagcatgga	240
gggtcccagt	tgggtcccca	acgtgctccc	catgggcaag	acaatggaaa	cttcacaaag	300
caggaagggc	aaaccctctt	tattgaacat	tagccagccc	agcccagacc	ccagggtctgc	360
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<210> 3745

<211> 4372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4373)...(713)

<223> similar to gi4240217 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3745

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ctaagctgca	tcaagtgaag	caaatacaaa	atgctgtccc	tcctccctgg	gctcggaagg	180
cagtgcactt	tctccctctt	aacagcccag	actagcgggt	gaggagtcag	tgctgtgacc	240
ccagggccaa	gctggagtgt	ccgcatagct	ttttctctga	ccagtgggga	ttccatctac	300
cttgaggcgt	gctggcctgg	gccccgtttc	cacaccagca	catggtgaga	cagggtagct	360
tatcaacagg	ctgctggggc	ttaatactga	cagtgagtgt	tgggccgggt	cacagccagg	420
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gaagcctcac	ctgctcctgc	tctgtcaact	cagactggga	gcactgctgc	agggaggcag	3360
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gttctcggca	attttccagg	cacatcaggg	cctgactatt	cttgacctgg	aagtccecaa	3600
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agaaccggat	tctttgcctt	ttaacaccag	gtgccccttg	gtcgagtttg	gctgtgccct	4080
gctgatggcc	ctccctgtca	agcacttcca	ctgactttgg	gggcaccatg	ctgtcttccc	4140
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ggagcaaaagt	gccatccctt	tctgtctctt	caggggtact	ccgtggctct	tccatgtcct	4320
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<210> 3746
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(632)

<223> similar to gi2507613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3746

ctattcagtg	tgggtggaatt	cctcttctgc	cccttccttc	cccgtcagc	atggcccctg	60
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acagtgcctg	caggccccac	caaggggctc	tgggtggagag	gattatcca	cacccctct	180
acagtgccca	gaatcatgac	tacgacgtcg	ccctcctgag	gtccagacc	gctctcaact	240
tctcagacac	tgtgggcgct	gtgtgcctgc	cggccaagga	acagcatttt	ccgaagggt	300
cgcggtgctg	ggtgtctggc	tggggccaca	cccaccctag	ccatacttac	agtcggata	360
tgctccagga	cacggtgggt	cccctgctca	gcactcagct	ctgcaacagc	tcttgtgtgt	420
acagcggagc	cctcaccccc	cgcatgcttt	gcgctggcta	cctggacgga	agggctgatg	480
catgccaggg	agatagcggg	ggccccctag	tgtgcccaga	tggggacaca	tggcgccctag	540
tgggggtggt	cagctggggg	cgtggctgcg	cagagcccaa	tcacccaggt	gtctacgcca	600
aggtagctga	gtttctggac	tggatccatg	acactgctca	ggactccctc	ctctgagtcc	660
tgctgtttcc	tccagtctca	ctgcacacca	ctgcctcatg	cttcctgggg	cctccagcag	720
ctccactaat	ggaggagagg	cagtagcctc	cgacacagaa	cgcatgggac	ctctactact	780
gtgtgtgagg	aacagtcact	accactggc	cagccact			818

<210> 3747

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(725)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (207)...(554)

<223> similar to gi1504034 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3747
cgacccccgc cegtaatttc cgggtcgacg gtcccgcccc tcgccccgc gcggggcctt    60
agtgtctttg cctcccgaca gctctgggtg gatcgcccag tggcgctgt ccgtgttttg    120
gcgcccccta gcagcggcgc agttgcgcct gtttcgatag gcgagcggat tggcgcccct    180
ggttgccgga gcaatccctt aggcctgggt ccctgccgcc tggagcctcg gtcctctgca    240
gtcaggtggg ttctgggggt gccagcaggc tctgagagtg ccggccgcgg ggccctcgca    300
gcttgccctg tcagtcgga gctggtaaac tacgagcgcg tgcgcgagta ctgtctcaag    360
gtactggaga agcagcaggg caacttcaag gccacctacc gtgccggcat tgccttctac    420
cacctgggcg actacgcacg cgcgtgcgc tacctgcagg aggcccgag ccgggaaccc    480
acagacacca atgtgtccg ctacatccag ctgactcagc tgaagatgaa tcgttgcagc    540
ctccagcggg aagacagtgg ggctgggtcc cagactcggg atgtaattgg ctgaggccaa    600
tccaggggga cctctctatc cctcgccctc ccacctcacc atgtaacttc ccccgactca    660
tgtgtttgtt ggtaaaacac ttgtcactgg tgatcanaaa aaaaaaaaaa agacaaaaaa    720
aaaa                                              724

```

```

<210> 3748
<211> 1270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1271)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (39)...(327)
<223> similar to gil872200 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

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<400> 3748
tttttttttt tttccagta aaactttatt aattattatt attttttgat acagagtctc    60
gtttggtctt ccaggtgga gtgcagtggg ggcgatctgt ggatcaactg caacctccgc    120
ctcctggggt caagcggtcg catgccttca gcctccagag cagctgggat tacaggtgcg    180
tgccaccaca ccagctaat tttttgtaga gacagggttt tgccatgttg tccagactga    240
tcttgaactc ctgatctcaa gtgatccacc cgcctcggcc tcccaaagtg ctgggattac    300
aggtgtgagc caccgtgcct ggccaatatt tttaaatagt tctgttttga attggtataa    360
ttcgaaacac aggaaacggg caccagtgct ttgggcttta tttcacacca cgtacgtgac    420
aacaagctgg cctagagccc acatcagcag gcaggcggcc cacagtgccc caggacctac    480
cctgccccca aacaggccat ggggcccctt aggaagatgt ggggcttctt gagatcagct    540
ccagtttttc tcagagcccc tgtgaaagga gctccatctg cttcctgttg aaacctggac    600
tctggctggg tcagagtggg ctctagtgtg ctctcttctt tttgtttctg ttttaagcttg    660
ttccaaatcc tttccagggc cacttttccc atgaagaagg tgatggcaaa attgcgcttg    720
taccaatctc tgttataata catgtgcttc tgaaaatttt tacttaaaaa ttccttgtag    780
aagtccgcca tttcttctgc attcaatgtt gctttctgac ctgattcagt tctcaggccc    840
aggccttttag tttttagtct tgagtgaata aattcttctt tttccttact aaaagtcaaa    900
ttctggtttg ccagaaactg ttgattccat tcttgtgttt cttgtcttaa ttttctaagc    960
ttttgttcca atggagattc attttcaggt atgtaaaagt gaacaggtcg aaggtttgaa   1020

```


tatttatctg	ggggtcctat	ccaatcatgg	caagactttc	ttggagggca	gaatcttgag	1080
accccgtgg	gcgctgtatc	cctgcgctcg	gcgccgcgct	ccggagcgag	ttgacagccg	1140
cggcaggcga	aggcgcgcca	gagagggggg	agaaaggctc	tcttccccgc	ccgcaagacc	1200
accatggccc	cacgccccct	ggctcccgcg	cggacgcgtg	gctcgncccc	ggaatccgcg	1260
tcacagcctc						1270

<210> 3749

<211> 4424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(2583)

<223> similar to gi4589622 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3749

ctcacattcc	tggcatagca	gccgcctccg	gcgcggggccg	accctggggc	tgcgcgctgg	60
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gctggggccga	gccggagggtt	gtggtgtctg	actgcgctgg	gcacctcgg	gccgcagcgg	180
tgtcttgggg	ccaggtgccca	ccggccattg	tccaggcagc	tgtgtgcaag	ccaaagaagc	240
atgaggacac	tggaagactc	ctcggggaca	gtcctgcacc	gcctcatcca	ggagcagctg	300
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ggtggggctg	gaactggggg	tacagggagc	ccccaggcct	ccctggagat	cctggcccca	420
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ggagaggagc	tgcccaccta	tgaggaggcc	aaagcccaact	cgcagtacta	tgcggcccag	600
caggcagggga	cccggccaca	tgcgggggac	cgagatcccc	gtggggcccc	gggaggcagt	660
cggaggcagg	acgaggccct	gcgggagctg	aggcatgggc	acgtgcgctc	gttgagtga	720
cggctccttc	agttgtccct	ggagaggaac	ggcgcccggg	ccccagcca	catgagctcc	780
tcccacagct	tcccacagct	ggcccgaac	cagcagggcc	ccccactgag	gggccccct	840
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gagaccacca	ctgctgtcac	tgaccacagg	taccgtgcc	gcggcagccc	gcacttccag	960
catgctgaag	tcaggatcct	gcaggcccag	gtgcctcctg	tgttccctca	acagcagcag	1020
cagtaccagt	acctgcagca	atctcaggag	cacccccctc	ccccacatcc	agctgctctc	1080
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aggcatcagg	agatggaaag	caggttaaag	gtgctccatg	cccagatcct	ggagaaggat	2160
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gtgagggggc	atttaagtgg	actgggagac	agtgcgcagt	ttgtatataa	ttccctttct	3240
tgtggaacag	aagactgagg	cctgcagggt	ccgatgtgtc	tccatgggct	gtgtccctct	3300
cttcctactg	tcagtttctg	aaacttctga	ctggcctccc	agttatgcct	cctcctcaag	3360
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aaaaagaaaa	aagagaaaaa	aaaggcaaaa	aatattgtga	aagaaaaaaa	acaacttaat	4200
atattttgga	ttaatatattg	gtatttcttt	ttaagtattt	tttgtgtgtg	gaacattttc	4260
tgccaaagac	catgatgtgt	gtctgtatgt	ttaagttatc	gtaaatat	aaaatgtaaa	4320
catggctgtt	ttgttatgcc	accctgtacc	aggattgctg	ccgcattcca	ctgggtataa	4380
cagtatttta	attaaaaaaa	aataattaaa	agtgaaaaaa	aaaa		4424

<210> 3750

<211> 1000

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1001)

<223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (10)...(679)
 <223> similar to gi5019453 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3750
 tggggccccc ttcccacagc cccccaggca gtagggccag ggactcccca ggcagggtgca 60
 ggctgggctg ctggtcagca ggggtgtccc aagcatgggg cagaggggac acgtaggccc 120
 accctagtcc tccaccccag ggtaggcagt ccagagcccg tggtagcgct gacccctggg 180
 cctggccagg acgcccgcga catcttggga tggcacagag tgaggggaga gaaggcggct 240
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<210> 3751
 <211> 5403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5406)...(466)
 <223> similar to gi3043590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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5403

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<210> 3752

<211> 402

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(187)

<223> similar to gil81853 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3752

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cgggggcttc ccctgacccc ttaggccttc cccctgcagg tgccctcgcg cccctcccgg 180
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tcccgggcac tccgaccggg ggaccggagc cctgagtggc ggaaagctgg cggagcctgc 360
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<210> 3753

<211> 2410
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(2295)

<223> similar to gi5689405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3753

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<210> 3754
 <211> 2207
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(2054)
 <223> similar to gi4454791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3754

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<210> 3755
 <211> 716
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (73)...(523)
 <223> similar to gi992994 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 gtgtattgag ccagataata ttaaatacgt gattagcgag gagaaggga gtcacactct 420
 taaaattcga aatgtctgtc tttctgatag tgcaacatac aggtgcagag ctgtgaattg 480
 tgtaggagag gctatctgtc ggggattcct caccatggga gattctgaaa tatttgctgt 540
 gatagcaaag aaaagcaaag tgactttaag cagtttaatg gaagaattgg tcttaaagag 600
 caactacaca gacagttttt ttgaatttca ggtgggggaa gggcctccca ggtttatcaa 660
 aggtatttct gactgttatg caccaatagg tacagcagca tattttcagt gcttag 716

<210> 3756
 <211> 1045
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (799)...(343)
 <223> similar to gi733571 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3756
 ttttttttta ctaccacaaa caattaggaa ttttttatcg ttatagatgt tgttaaagga 60
 ctccagtagc aaagatcaaa gtctccgaat tttgcctttg gagaaggggg tttcatttca 120
 gacatcaaag gtaaggctct caagtcaatt tatgctctgc tgggttgagt cagtcaggat 180
 acaaattaag gtccatatat ttcagtgaca agaaggaaac ggttatgtaa atacacaagt 240
 attaacatca atctgtatta aattatgtaa acatatacat cttctgaggt cagcacatag 300
 atcctccttc ctttgaggcg gagctcttac tggaagcatt gcttcgaatc tgtttgggaa 360
 gttgattcat cgttcaagtg cttttagtagt aacctgaggg catttagcag cccctccaca 420

ctgtctgggg	cctgtctcctt	caaaactttt	atgcagcctt	tcatatcgat	cttggatgtc	480
ttgcagaaag	ctccacaggg	gtggacatgg	tcatagagga	tgatgactcc	caccatcacc	540
ctcatgcaga	acatcagggg	ctcttcactc	gtaaacctac	ttctgtactc	cggagtctcc	600
agcatgactt	tacagacact	tgctattgtg	ctgaggcagt	ctgtgggtgtt	ctctattggc	660
aaagttttgt	tttcagagac	aaagtgcatt	gtggcattgc	taagggtttt	cagcattggc	720
gtggcttctg	catagaagag	ggacattcga	ttggccatct	cattattgac	ttcattctca	780
atgtctaggt	gcaggccagg	tgatggggtc	ccactttgtc	acccagggtg	gagtacagtg	840
gtatgatctc	ggctcactac	aacctccacc	tcctggatgc	aagccatcct	gccacctcag	900
catactgagt	agctgggact	atgggcacgc	gccaccacgc	ccagctaatt	ttttttttgt	960
atttttggta	gagatggggg	ttctccatgt	tgccgaggct	ggctctccaac	tcctgggctc	1020
aggaaatcca	cccgtatcag	cctcc				1045

<210> 3757

<211> 1867

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1870)...(149)

<223> similar to gil707032 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3757

ggccccctaaa	aaaaaatata	accttcccac	cccccggtt	ataaatttgt	tccctttaaa	60
ggggccccccc	cttttttttt	tttttgatgt	acaaacgtag	ctgtattggg	gaggggggtg	120
ggaggggggga	gggacgggtc	agtcttcctt	caggctccca	aacactgcgg	ctggcacgct	180
ctgctgctcc	agccgaacct	cgttgggctc	caggctccatc	tcgtcctcgt	cctcgtcctc	240
gcccagctgg	atctcctcgg	ggttgacctg	ctgtgccagc	tctgccagct	cctccccgga	300
ggcgtcactc	ctcacgaaca	ggatcttgct	ctgggcgcgc	aagggtgtgt	cacgtccgc	360
ctcagccgcc	agctgctctg	cccgtgttc	cagcagcttc	atgtcgtcca	tgccactctg	420
cccagggggcc	aggtcagaca	cgggtgccgt	ggcactgccc	gagacctga	gcactctgcg	480
aagccatgaa	ggtgaactgc	gtgttgtag	tggcctgcac	gctgcgcgg	atacgcacca	540
tttccttgat	ggtgtcctca	ttgccatgcc	ggacctcaaa	gtccttcac	gtctgccaga	600
acgcgccgt	cgtccggggg	tcacagatct	gggagcagaa	gctgtagatg	gccccggcgc	660
ggtcaatctc	cccagccttg	cactccatgt	ctgcaaaccg	caggcacatc	tcacgcgcgt	720
gctcgtccga	cagcacctca	atggccttct	ggtagatgcc	gcgggtgtgg	gtgaccccat	780
agatctcggc	cgcccgtttg	atgtagatgt	tgaacatgtc	atactgctgg	gcgggtcca	840
cgcccttgt	ggcacgctcg	tacacggcca	tggcatgccg	ggccaggccc	cactcctcct	900
ccagctgtgc	gtacagcagg	tacaaggtct	tggcatattt	tggggggcag	ccgtccagag	960
cctgttcaaa	cagggtccgt	gcccgtccca	gcttgcggcc	cccatagcgg	gcaatgaatt	1020
tggtcaggta	ggtgtccag	atgtcggaca	cgttggggcca	cttgaacagc	gagatgccgc	1080
gctcgtacgc	cttgaagctc	tcctcgaagt	acttgtgtc	ctccaggaac	atggcatagt	1140
tgatgacgat	ctgggggtgtt	gcgatacgca	ggtccaggat	gcggtcgtac	acggccttgg	1200
tggactggaa	ggtgccgagg	ctctcctcca	ggtcggcgag	catggaccag	accttcagt	1260
acttgtacac	gcggttctgc	acgggtctcg	aaccataaaa	gtactcggcc	cggcgggcag	1320
gcagcgccgt	ggcctttcgc	agcagccgca	aggcctcatc	gtagttctcg	tgtcggagct	1380
ccagctctcc	gcactgacac	cacacgcttg	ccaggtcac	cacctgcttg	aaagtccacc	1440
ttggtggcct	tctccaggat	gacacgggca	tcgtccaagc	tgtccgttgt	cctcataaaa	1500
cttggaacac	gcccacccac	agagtgtggg	gcttggttg	tggccttgaa	ggggtccacc	1560

gtctgcacag	cctctgtgta	ggtgttgatg	atctcccggg	ggcggccctg	gtgcagggcg	1620
acacgcttgt	gccactcgtg	cacgtggtgt	gggttttggc	gcagcaagac	gctgttgagg	1680
agcagggggc	gccggctgat	gagctgctcg	aagcggggcca	ggcgcagctc	caggtccaca	1740
tcatcctcct	cctcgcgccc	cagctccgag	gcggctctcca	tctttgcagc	gatcatgctc	1800
tctcgaact	gggcgtagct	gtcaaacc	tgtgtgaagt	cccgcacggt	catcactgtc	1860
cggtatgg						1867

<210> 3758

<211> 1804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(1135)

<223> similar to gi2073564 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3758

gactacgctc	agcttggcac	gaggagaaaa	caggtattgc	acagttggtg	aagtatggct	60
taaaagacct	agaggaggtt	gttggactgt	tgaagaaact	cggcatcaag	ttacaggtct	120
tgatcaattt	gggcttgggt	tacaagggtc	agcagcacaa	tggaatcatc	ttccagtttg	180
tggctttcat	caaacgaagg	caaagggctg	tacctgaaat	cctcgcagct	ggaggcagat	240
atgacctgct	gattccccag	tttagagggc	cacaagctct	ggggccagtt	cccactgcc	300
ttggggtcag	catagctata	gacaagatat	ctgctgctgt	cctcaacatg	gaggaatctg	360
ttacaataag	ctcttgtgac	ctcctgggtg	taagtgttgg	tcagatgtct	atgtccaggg	420
ccatcaacct	aaccagaaa	ctctggacag	caggcatcac	agcagaaatc	atgtacgact	480
ggtcacagtc	ccaagaggaa	ttacaagagt	actgcagaca	tcatgaaatc	acctatgtgg	540
cccttgtctc	ggataaagaa	ggaagccatg	tcaagggttaa	gtctttcgag	aaggaaaggc	600
agacagagaa	gcgtgtgctg	gagactgaac	ttgtggacca	tgtactgcag	aaactgagga	660
ctaaagtcac	tgatgaaagg	aatggcagag	aagcttccga	taatcttgca	gtgcaaaatc	720
tgaaggggtc	attttcta	gcttcaggtt	tgtttgaaat	ccatggagca	acagtgggtc	780
ccattgtgag	tgtgctagcc	cgggagaagc	tgtcagccag	cactaggagg	cgctatgaaa	840
ctcaggtaca	aactcgactt	cagacctccc	ttgccaaact	acatcagaaa	agcagtgaaa	900
ttgaaattct	ggctgtggat	ctaccctaaag	aaacaatat	acagttttta	tcattagagt	960
gggatgctga	tgaacaggca	tttaacacaa	ctgtgaagca	gctgctgtca	cgctgcacaa	1020
agcaaagata	cctcaaatta	gtctgtgatg	aaattttataa	catcaaagta	gaaaaaaagg	1080
tgtctgtgct	atttctgtac	agctatagag	atgactacta	cagaatctta	ttttaaccct	1140
aaagaactgt	cgttaacctc	attcaaacag	acagaggctt	atactggaat	aatggaatgt	1200
tgtacattca	tcataattta	aaattaaatt	ctaagaagag	gctgggtgca	gtggctcaca	1260
cctttaatcc	cagcactttg	ggaagccaag	gcaggaagac	tgcttgaac	caggagtgtg	1320
agaccagcct	gagcaacaaa	gcaagacccc	atctctataa	aaactaaaaa	aattagttgg	1380
gcatggtggc	acatgcctgt	agtcacagct	actccagagg	ctgagatgga	tcacttgagc	1440
ctcaggaggt	tgaggctgca	gtgagctgtg	actgcccccc	tgcactccag	tctgggacaa	1500
caaagcaaga	ccctgtttta	aaaaaaaaaa	gaaaaaaaaa	ttttttttct	aagaagctgt	1560
cctacaaaagt	tgagctttgt	tagtttttca	tgtgtaatat	attataaatt	tatcttttgg	1620
gatataataa	atgctttcat	atacctgctt	tttaattgta	aatctattaa	cactaaaggt	1680
tttagggagc	tggaacataa	ggtaaatagc	cttttcttcc	cttggctgta	atgactaagc	1740
acatgaaaat	atccaaacca	aagggcataa	agaaaccaa	aatcataatt	accggacgcg	1800
tggg						1804

<210> 3759
 <211> 671
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(614)
 <223> similar to gi525318 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3759
 ttgtaataca gtccagctag attctgggat agattaccgg aaggggaactt cctgctgcag 60
 gaaaactcta ctacctcaca agtgaagctg atgtggaggc tgtcatggat aagttgtttg 120
 atgagctggc tcagaaacaa aatgatttaa ctagaccaag gattctaaaa gtgcaaggca 180
 gagagctgcg cctgaataaa gcctgtggaa ccgttgccga ctgcacattt gaagagctgt 240
 gtgagagacc acttggagcc agtgactatt tggaactatc aaagaatttt gatacaatat 300
 ttttacgaaa cattccgcaa tttactctgg caaacaggac tcaaggtcga agattcataa 360
 ctctcatcga taacttttat gatctcaagg tgcgtataat ttgctctgcg tcgactccta 420
 tatcaagctt atttttgcat caacatcatg acagtgagtt ggagcaaagc agaatactga 480
 tggatgatit ggggctgagc caggattcag cagaaggact ctccatgttt accggagaag 540
 aggaaatcct tgcatttcag cgcacaattt cccgactcac ggaaatgcag actgaacagt 600
 actggaatga aggagacaga accaagaagt aactgccact ttgcataaa taaaactcta 660
 gacaaatgga a 671

<210> 3760
 <211> 2950
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2936)...(2772)
 <223> similar to gi3288483 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3760
 tttttttttt ttaacctatg aaaattcttt attgttaatt tctttctcca acagatatat 60
 ttttagttga aatatggagc cacagcaaca ctttgacttt tcctcttcag aagatgagac 120
 aggccggggg catcattggt acaaaagcaa ggcctgtgat cgtgacaagg acaggctggg 180
 gcagagacca cacgctcaac caggatatcca ccagggtgtg gccctttata ggagctacaa 240
 agaggggggca gccagcaatg tggcctcgac acctgactcc aggcactccg acctggagga 300

gggagatgaa	agaactcacc	tttccccagg	ggctcagcca	gacctccagg	cccctgagcg	360
gggagagtgc	gtgtgtgtgc	acatgtgtat	gagtgtgcac	acgggtgtgc	tcactcacac	420
agcacatgca	cacatgcgct	gcccctcctg	agatgctctc	aggtccctgc	cagggtaggg	480
ttgtagctgt	gttccccaca	gctgactgtc	agctaaccag	ggctaggggt	gagtgcattg	540
tggaggacac	aggggtcttag	cctgatgtctc	gaatccctct	tctggaacag	gctgatggtg	600
ccagagcaca	gcacgaacca	cctacccacc	atggggctct	ccagggctcg	gtcatttggc	660
tcctgtgcac	ttcatgacac	tcaggagccc	ctacggcccg	agccccaagc	cccgagaaaag	720
gggaaagatt	tggttctgag	aggggtccac	tggccctggg	cacctagggg	cctcagcatc	780
taccagcata	ggggaggggtg	gcggcccccct	tcctgaggac	tgcattcttc	tccagccgct	840
ctccccagat	cccacacctg	ccagtgaacc	agggagatag	gaggaccacc	tccctcccag	900
ggaagggggt	ggcaggtgga	aggacttagg	tttgggtgcag	gaacactaga	cctgccccctc	960
acccccctgcc	tccaggactg	ccattctgaa	ctgcaattct	gggcctgagt	ttggcttaag	1020
ggccagtctg	aagggaactt	cttgggtgaag	gcccagccag	ctgtcccagt	ggcatttcat	1080
aaacaaacga	tactgtccct	tccaggctga	cctggagaga	gacccttcca	aaggcagtgg	1140
agtggagggc	atgggcctcc	gatgagagaa	ctccagagct	ggccgggacc	tactgtgctg	1200
gcagcagaca	ggtaggagcc	tggctggggg	aggtcagggg	ttgggtgtta	gctggagggtc	1260
tcctgggcct	tgtgagccaa	gctggggcct	ttatgtgggt	tctgggctcc	cagagaccctc	1320
cgccagatga	cctccagagt	ctttgggggtc	tcacactggg	agaagctcct	cccctttcca	1380
agatgacccc	caaaatgagg	cctcaggaag	tggtagacac	aaggatggcc	aagaggacag	1440
agctgggtag	tacgcctctg	ctgggcgcgg	cctggccggg	ggggcctgga	cggtgcctca	1500
gcaatccctt	tctcaccaag	ggacgctggc	tggttgccag	ctcatgcagg	cagtgcacat	1560
aaatcccgcc	taacggttac	ctctaggccc	tgggctgctc	gttcaagacg	acacaaaagct	1620
cctcaggggc	ccaactttcc	agctgtggac	cctgtccagg	gttctcgggg	tccccttgct	1680
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agccggcagc	agaggggggt	gaatccatgg	caacaggagt	cacaggtgaa	ccaatgggaa	1800
accaaacaca	cgcattcgaaa	gccaatcaaa	cacaaacccc	aaatgtgaag	gccagcagca	1860
agttctttgt	gtaataaata	ttgcaaagcg	cacttggttt	ctttcttttc	aagtcaaata	1920
taacgactaa	tgtcccagac	cctgtttttct	gcattcaaaa	tagggaagct	gttgatatca	1980
gcagaacacc	tgcagccaaa	gaaaaaaaacc	gtttccatt	aaccagccaa	tcacagatcc	2040
tttccagttt	aagcagccaa	tcagacctct	tcacattttct	aaaaaaatga	cctaactaaa	2100
gcaccagagc	tcggagagct	tccagggaag	ccagataaccg	aggcgcaaat	tttttaaaaa	2160
ataagagtca	gaaataaaaa	taaaagggtt	ctgttggtca	agatttaaaa	aataaaaaag	2220
tttcttcctg	cagccaatca	caagtccatc	cctttaagcc	aattataaac	gcaccactgg	2280
tgtctccctt	gatgccagcc	ccactgagta	gctgtgaggt	ggggtggggc	agggcagggt	2340
tgggtagggg	aagggggagg	tggggcaagg	ggggctgctg	ccactcagcc	ggcccaggag	2400
ccacacagat	ctcttgcccc	tcaacagcat	ccagggtgtt	ccaagggtct	tgcagctact	2460
gcctccggtc	ttccgtctcc	gacctggaaa	acgccatcac	cacgtcctct	gcaccctggg	2520
cgatggagtg	cggaggcagc	tggctgagct	ggctgttgac	cacccttgca	taggtgcgca	2580
ggaactcttc	ctcgtgtggt	gtcaggtttt	gatccccatc	ttccgcagca	tgagcagcac	2640
tcggaccttc	tgtgaaatg	tacatctcct	tcaggactct	tccccgggag	cttccctcgc	2700
ggttcacccc	cctgcctggc	tctggggact	ccctgcttct	ggaaattaac	ttcaggcaaaa	2760
caggtgcctc	aactgtgagg	ggagggctgt	ggctgggcag	aagtaggaag	gtgccgccct	2820
gggcgcgccg	acccggccgg	gccggcaggg	gcagcgggtc	cggcgcgcag	cgcgcggcgg	2880
cctgttccgg	ggcgtgctca	gcccagagcag	ccgctgcggc	ggcggcagta	gcagcagcag	2940
gagcggccgc						2950

<210> 3761

<211> 3222

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2438)

<223> similar to gi4884108 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3761

gggaaaagag	gacaaaatgg	atttaaagaa	tttacaaggc	aagaacagat	caactgtgta	60
acaagagagc	ctcttactgc	tgatgaggaa	gaagcattaa	aacaggaaca	ccaacgaaaa	120
gagaaagagc	tcttagaaaa	aatccaaagt	gccatagcct	gtaccaatat	ctttcccttg	180
ggtcgcgacc	gcatgtatag	acgatactgg	attttccctt	ctattcctgg	actctttatt	240
gaagaggatt	attctggict	tactgaagac	atgctgttgc	ctagaccttc	atcatttcag	300
aataatgtac	agtctcaaga	tcctcaggta	tccactaaaa	ctggagagcc	tttgatgtct	360
gaatctacct	ccaacattga	ccaaggctca	cgtgaccatt	ctgtgcagct	gccaaaacca	420
gtgcataagc	caaategggtg	gtgcttttac	agttcttgtg	aacagctaga	ccagcttatt	480
gaagctctta	attctagagg	acatagagaa	agtgccttaa	aagaaacttt	gttacaagag	540
aaaagcagaa	tatgtgcaca	gctagcccgt	ttttctgaag	agaaatttca	tttttcagac	600
aaacctcagc	ctgatagcaa	accaacatat	agtcggggaa	gatcttccaa	tgcatatgat	660
ccatctcaga	tgtgtgcaga	aaagcaactt	gaactaaggc	tgagagattt	tcttttagat	720
attgaagata	gaatctacca	aggaacatta	ggagccatca	aggttacaga	tcgacatatc	780
tggagatcag	cattagaaaag	tggacggtat	gagctgttaa	gtgaggaaaa	caaggaaaat	840
gggataatta	aaactgtgaa	tgaagatgta	gaagagatgg	aaattgatga	acaaacaaag	900
gtcatagtaa	aagacagact	tttggggata	aaaacagaaa	ctccaagtac	tgtatcaaca	960
aatgcaagta	caccacaatc	agtgaagcagt	gtggttcatt	atctggcaat	ggcactcttt	1020
caaatagagc	agggcattga	gcggcgtttt	ctgaaagctc	cacttgatgc	cagtgacagt	1080
gggcgttctt	ataaaaacagt	tctggaccgt	tggagagagt	ctctcctttc	ttctgctagt	1140
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atactgaatg	cgcgttgcaa	gatatgtcga	aagaaaggcg	atgctgaaaa	catggttctt	1260
tgtgatggct	gtgatagggg	tcatcatacc	tactgtgttc	gaccaaagct	caagactgtg	1320
cctgaaggag	actggttttg	tccagaatgt	cgaccaaagc	aacgttctag	aagactctcc	1380
tctagacaga	gaccatcctt	ggaaagtgat	gaagatgtgg	aagacagtat	gggaggtgag	1440
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gaacaagatg	aagatgactc	tcaagaagag	gaagaagtca	gcctacccaa	acgaggaaga	1560
ccacaagtta	gattgccagt	taaaacaaga	gggaaactta	gctcttcttt	ctcaagtcgt	1620
ggccaacaac	aagaacctgg	gaagataccc	ttcaaggagt	cagcagagca	cacccaaaac	1680
aactgtttct	tctaaaactg	gtagaagcct	aagaaagata	aactctgctc	ctcctacaga	1740
aacaaaatct	ttaagaattg	ccagtcgttc	tactcgccac	agtcatggcc	cactgcaagc	1800
agatgtattt	gtggaattgc	ttagtcctcg	tagaaaacgc	agaggcagga	aaagtgtctaa	1860
taatacacca	gaaaatagtc	ccaacttccc	taacttcaga	gtcattgccca	caaagtcaag	1920
tgaacagtca	agatctgtaa	atattgcttc	aaaactttct	ctccaagaga	gtgaatccaa	1980
aagaagatgc	agaaaaagac	aatctccaga	gccatcgctt	gtgacactgg	gtcgaaggag	2040
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ggtacgacat	gatgacagct	ggcctttttt	gaaacttggt	tctaaaatcc	aggtcccaga	2160
ctactatgac	atcatcaaaa	agcccattgc	cttaaatata	attcgtgaaa	aagtgaataa	2220
gtgtgaatat	aaattagcat	ctgagtttat	tgatgacatt	gagttaatgt	tttcgaactg	2280
ctttgaatac	aacctcgta	acacaagtga	agcaaaaagct	ggaactaggc	ttcaagcatt	2340
ttttcatatt	caggctcaaa	agcttggact	ccacgtcaca	cccagtaatg	tggaccaagt	2400
tagcacacca	ccggctgcga	aaaagtcacg	aatctgactt	tgtccttcta	aaggatatat	2460
ttgaagaaaa	acaaattggt	catgaaaatg	gaacattaaa	tcatgctgta	taaagcaata	2520
acaaacaatt	gattgaccac	atgaaagtgt	ggcctgcact	atattctcaa	ttttaatatt	2580
aagcactcag	gagaatgtag	gaaagatatc	ctttgctaca	gttttgttca	gtatctaata	2640
agtttgatag	atgtattgga	tacagtactg	gtttacagag	gtttttgtac	atttttgaga	2700
tcattcatgt	gtccagagat	cttggaataa	attttttcac	ccacgattta	ttttgttatt	2760
gatgattttt	ttttaaagtg	gtggtattaa	gggagagtta	tctacatgga	tgagtcttcc	2820
gctatagcac	agtttagaaa	aggtgtttat	gtcttaatta	attgtttgag	tacattcttt	2880
caacactaca	catgaatgaa	tccaatctta	taaccttgaa	gtgctgtacc	cagtgtctggc	2940

tgcaggtatt	aagtccaagt	ttattaacta	gatattttatt	tagtatttgag	agtaatttgt	3000
gaatttgttt	tgtattttata	aaattttatac	ctgaaaaaatg	ttcctttaatg	ttttaaacct	3060
tttactgtgt	ttttatttctt	ctaacttctt	taatgatcaa	tcaaaaaaag	taacaccctc	3120
cctttttctt	gacagttctt	tcagctttac	agaactgtat	tataagtttc	tatgtataac	3180
tttttaactg	tacaaataaa	ataacatttt	tttcaaataa	aa		3222

<210> 3762
 <211> 2384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2385)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2385)...(949)
 <223> similar to gi3493591 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3762						
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aatcaatttc	tctcaaagat	tttactctca	gtgagggtcac	atacatagtt	cttaatcagt	120
gaaaattata	ggcagctttc	tattttatcct	ttaaaggaaa	tatgtcttag	atggaaagaa	180
tataaagtag	taaagcaaaa	gttaacctag	gggaaacttt	ttaccaaca	gattatctag	240
acatcaattc	ataatgcact	gggagatcta	tagtatatac	cacatgggtat	atttagggta	300
cacagctcta	taggatttga	gatggctgct	cacagcagga	gcttaaagaa	agatatggaa	360
aaaatatatt	ttataaaaaga	tggaaaaaatt	caagttgtaa	ggagtaaaaa	tgaaaatttg	420
aaaagttaac	gcatattttgt	ttttattttat	aggtaactac	cacatgaatt	ataaagacaa	480
caaaggatgt	cagaatgaac	atggataggt	gtatgcatac	tacggctaag	gagaaacaat	540
gttcctacat	attatgggta	gtgagaacat	tatctgtata	acaggggaact	gtgattattt	600
aaaaatatgc	agaacttatt	tcactctgtgc	tttagaaata	actgtataca	gtgttataag	660
ttgaaaagaa	ctcaaaataa	ctaataccaa	atatacacct	atgtattaga	attcaaaaaa	720
gctgctttct	gtgaagtcaa	tcagctatat	taaaaaatga	cacaaatcca	aaacaagatg	780
catgttatat	ataaagggac	attgtaagtt	tccttgctgc	attaaacca	tggtttaatc	840
catgaaattt	cctttttaatt	atcatttaga	cagaagcatg	caaatagtct	caggatctac	900
ttaagaacct	ttcccaaatac	cactagttac	actccccttt	tcagggaacta	agcaggtatt	960
cgggtagctg	cttcctcctc	tgcacagct	cggtttgcat	taatttctgc	aagtgttcgg	1020
ccaaaccgtg	cccattcatc	attgcgggga	acagcaatct	gctctccac	atcgtatata	1080
acaatctgtc	cttcagaatc	acccacagca	atctctctgc	cagaatgggt	ccatctcaca	1140
cgattaagag	caggattacc	ctccacagaa	atgctggcag	ttggtacctc	tgtgtcatta	1200
ttgagattcc	acaaatccaa	tctcccatg	ccatccacac	aggcaaacag	ggctgggtgg	1260
gtaggtgacc	acataacatc	ataaacatag	cctgcgttat	cttcaaataga	atacaaaggc	1320
ttgttattct	tagttgtcca	aagctttact	gtccagtcaa	acgatgaagt	gacnaaaaga	1380
tgtgagaagt	ctactgctcc	aacagctgca	tgacaatgga	tgccagtgat	tggtccttga	1440
tgccctcaa	acatctcact	gattccagct	ttgctgccat	ggcggcatgc	tgtgtacaca	1500
gaaccttctt	cactcccaac	aacaaagttg	ttgacatctc	caacagggaa	ggacatagat	1560
gtcacagcta	ctgcttttga	ctgtttatga	accaactcca	tgctatcctg	tggtatgggaa	1620

agcatgtcca	gactccatga	acaaatTTTT	ccatcagtag	agatgcta	cagattgtga	1680
gcattttgtg	ttccaacaac	atttacacaa	tatacagggt	gtgtgtgtgc	agctgctgac	1740
agtggagttc	tttgactgg	agttctttta	ttgctacggg	tatcccaaag	cacaatttgg	1800
cctgaatatg	taccaccaac	aacaagattt	ggatgaaatt	ttgcaaattg	ggcagacatc	1860
acagctgact	ggcagtga	cacatactct	ggggtagttt	ttttgtattt	catattccat	1920
acaagggcca	caccatcagg	ctcatgaggg	gcattcttcat	tgttggtata	ggaagccacg	1980
agtaactccg	ggatactgag	atgaccaatc	caaacaacta	acccaccggg	atgctttgga	2040
ccaaacgttc	gtccaaaaaa	ttgtcgattt	aatgacagtt	tagcacctgc	ttgaatctct	2100
ccttctttgt	cattccaaaa	tctctccac	tatagtcaaa	gaagatgtta	atctgctcag	2160
aaagagctct	ttctacaaat	cttgtagaat	ggtaaagaa	acttaaaaat	tcctcagagt	2220
gcaagatttg	ttgcttttct	tcttcagtca	gctcatgagg	gggagcttta	ctattcattt	2280
tcctcatctt	tctttaaagt	tttctcttct	tcaggttcaa	taggtgggtt	aggagccact	2340
acatcatcat	cttctctctc	atcttctttg	ggttgagcca	taac		2384

<210> 3763

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1083)...(489)

<223> similar to gi4929633 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3763						
tttttttttt	ttaagaattt	gtaccagtaa	atttattcca	agtaagactt	gtgtgcacac	60
accaggcaga	taatttccac	acaaacacca	aacattgtag	taaaactagt	taacactttg	120
gccatgaaac	tcaaagatac	ttgaaaaacc	tctcgatagc	actttgagtc	acttaattct	180
gacaaatatt	aatatgtcat	ccatgcttgc	ccagttataa	ttttacaata	taattgtatt	240
tttcattgta	cttattattc	attatactta	ctatatatat	ttaaaacatc	tttgctgaaa	300
ttctcttata	ccaaaaataa	tttttcagta	actccaaaat	acccacatgt	acctcttagc	360
aggctattcc	aatatcaaaa	ttctttttct	tcaagtaaca	agttctcaat	ccacaccatt	420
cctgatcaca	gatataactg	atatgcagtt	ttataaacag	ctcttttact	ccttgttcct	480
atttttagcag	gccaaccatc	acttcactga	tatcccagag	ttttcttgca	acagattcat	540
ccatagcttt	gggcaacagt	tcttcctctt	tacaatcccc	aaagtatctt	cctgacactc	600
cttctacctc	aggtgaagag	gccaaataaa	tggaagtctg	ggcaccttct	actggagttt	660
tgaaaaaagc	ccatgacacc	aaattgaaga	gtggtttgac	caacagtggg	atgtgtatgt	720
gcctccccag	atttgtccgt	acaataccag	gatgcaacac	attgacgggtg	acatttgtgc	780
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aacaaaagct	tttattatag	ctttgttcac	tgttcaagtc	atcaaaaattg	atgtctccgt	900
atttataaag	tttggaagaa	actaccacaa	tcctgctggg	agctgaactt	ttgaggagtc	960
caaggagaag	attggtgagt	agaaagtgcc	ccagatgggt	cactccgaac	tgcattctcaa	1020
acccatcttc	agtcttcatg	taagggcact	ggaagatccc	tgcgttattg	atcaagacat	1080
cacagcctat	gc					1092

<210> 3764
 <211> 5182
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(3395)
 <223> similar to gi3327214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3764

catggcgcac	gctggcggtg	gcagcggtgg	cagcggtgcc	ggcgggccccg	cgggcccgggg	60
gctgagcggc	gcccgcctggg	gtcgctcggg	ctccgcaggc	cacgagaagc	tgccggtgca	120
cgtagaagac	gccctcacct	atctggacca	ggtgaagatc	cgctttggca	gcgaccctgc	180
cacctacaac	ggcttccttg	agatcatgaa	ggagttcaaa	agccagagca	tcgatactcc	240
tggagtcac	agacgtgtct	cgcagctctt	ccacgagcac	cctgacctca	ttgttggatt	300
caacgctttt	cttccccctg	gatatagaat	agacattccc	aagaatggca	agttaaacad	360
acagtcgcct	ctgacaagcc	aggagaattc	gcacaaccac	ggggacgggtg	cagaggactt	420
caagcagcag	gtgccgtata	aagaggacaa	accccagggtg	cccctggagt	ccgattccgt	480
ggaattcaac	aacgccatca	gctatgtgaa	taagattaaa	acccgcttcc	tagaccaccc	540
agaaatctac	aggctattcc	tggagatcct	gcacacgtac	cagaaggagc	agctgaacac	600
gagggggccg	ccattccgag	gcatgtctga	agaggagggtg	ttcaccgagg	tggccaacct	660
cttccggggc	caggaggacc	tgctctcaga	gtttggacag	ttcctgcccg	aagccaagcg	720
gtctctgttc	acaggaaacg	ggccgtgcga	gatgcacagc	gtgcagaaga	acgagcacga	780
caagaccccc	gagcacagca	ggaagcgctc	ccggccctcg	ctcctccgcc	ccgtgtctgc	840
acccgccaa	aaaaaaaaatga	aacttcgtgg	taccaaagac	ctgtccatcg	ctgcagtggg	900
gaagtacggg	actctgcagg	aattttcttt	ctttgacaag	gtccgcccggg	tgctgaagag	960
ccaggagggtg	tatgaaaact	tcctccgctg	catcgactc	ttcaaccagg	agctggtgtc	1020
tggctctgag	ctcctgcagc	tcgtcagccc	atttctgggg	aaatttccag	aactctttgc	1080
acagttcaag	tccttccttg	gggtaaaaga	gctgtccttc	gcgccaccca	tgagcgacag	1140
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ctaccgggca	ctccccaaaa	cctaccagca	gcccaggtgc	agtgggagga	cagccatctg	1260
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ctgggaggca	cgtcggagggt	gatccagcgc	cgtgccattt	atcgcatcta	tggcgacaag	1560
gccccggaga	tcatcgagag	cctcaagaag	aacctgtca	ccgtgtctcc	cgttgtctctg	1620
aaaagactga	aggccaagga	agaggagtgg	cgggaggccc	agcagggtt	caacaagatc	1680
tggcgggagc	agtatgagaa	ggcgtacctc	aagtccttg	accaccaggc	tgtgaacttc	1740
aagcagaacg	acaccaaggc	cctgcgctcc	aagagcttgc	tcaacgagat	cgagagcgtc	1800
tacgacgagc	accaggagca	gcactcggag	ggccgcagtg	ccccctctag	cgagccgcac	1860
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ctacgcgaga	tgttcacccat	ccatgcctac	gtgggcttca	ccatggacaa	gctggtgcag	2580
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cgcgtgcagt	acagccgcgc	cccggcctcg	ccctgaccgc	ccctcatggg	caccgggcag	3420
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ccacccttgc	catcctgcaa	cagctggact	caagtttcca	ggaagtggag	atgtgtttct	4620
agaagtttcc	tgtggaacct	ggaggctcct	gacgcctttg	actccaggct	gggcgattcc	4680
gatgctgacc	cgtcctcctg	ggctccccac	ccccgctccc	caagtgtcac	acaggcactt	4740
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cggcgtctc	gggcagagcc	acctgggccc	cgggtgcagc	cggagacccc	gccgagcccc	4860
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tatttatttg	cacattaaag	ttaataattg	aatattgaca	tcaagccgcg	aggggtgtgt	5040
ggtcttccctg	tgagagcctt	gctgacttcc	tgccaccagg	tcagtgggct	ggacccatga	5100
gagcaagggg	tggctgggtg	tgccctacctg	ggaccagggg	agtcgaagcc	cctccttgaa	5160
ccaagatcat	ctcacaccct	gc				5182

<210> 3765

<211> 1507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1377)...(1128)

<223> similar to gi2580578 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3765

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ctcaaaaggc aggacatgga aagtcaaaag gctacaacag gtgccctgtg gccccaccgc 120
accagggcct gcaccccatc caccagcgcc acatcactat gccacaagc gtcccccagc 180
agcaggtctt tggcctggcg gaaccaaga ggaagtctc gctcttcttg cacaccttca 240
acaggctcac ccccttcctg aaatgaaaac aggaggctgt gcttccatgg agctgggtgt 300
caagagaaga actgtctttg tttcttgggt gcttcaatcc agggaaagtt tcttggaccc 360
agtgataaaa acttcctttt agggatcaat gaaggagaga aggtcttgga atcaccttca 420
gtctttggag acccagctgc ctttgtggaa gggaggagac ggtcatgaca caaagcttta 480
tcctacacag aaacacccgt gaccactat gagatggccc agatgtggga cccggtacca 540
tgctctaaag cgagtgatta ggcagcagct gaagccaccc ctgctgatga tgagcaagtg 600
cctgctgcag gtccaaacac agcatccagg gctttgcagt tcctaaggag tgatgagggt 660
agaggatcac ttctgcattt gattttcaag gatgccgtca agacgggggt gacacaatgc 720
tgcacgtgtc tggtcacact tagaaattga gctcttactc tcttctgtaa tactggggga 780
cctacagctg ccgtggggct gaccacgggt ttccttgcca tcgtctgtgt ccacacagat 840
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gaaagaagat gcatctgtca ccttcacag ggtccctcag gcagagcaac ttacgcatcc 960
tcaagaatcc actgcttttc aggcaaggag ggagaaatcc tgctgcacac tggctttgtc 1020
ccggagtccg attccctcct gcctgcacgc cttcagtaac tccgagcaga aatcacatct 1080
tgcccacatg ctgtaaccta agaaactgct atgcaaggct ggggtgctgtg gctcatgcct 1140
gtaatcccag cactttggga ggccaaggca ggtggatcac ctgaggctcag gaggttcgaga 1200
caagcgtggc caatatggca aagcccagtc tctactaata atacaaaaat tagctgggca 1260
tgggtggcgca tgctgtaat cccagctact ggggaaggctg aggtaggaga atcttttgaa 1320
tctgggaagc ggaggttgca gtgagctgag atcgaccac tgcactccag cctgggagat 1380
acagcgagac tgtctccaaa aacaaaaaca aaaacaaaaa acattcagac aactgtttgc 1440
attataaaaa gctcatttac tgtaatatat atgatacaag gaatatgaaa atgcactggt 1500
cagaagg 1507
```

<210> 3766

<211> 5771

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (5772)...(2990)

<223> similar to gi577313 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3766

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tttttttttt ttggttttta aaaacagaat agaactttat ttagtggatt caagatttta 60
aaaaatgatt ttacacttta aagtgtgcaa taaattttga tacatcaatc ttgatata 120
tatttactgt gtcagaagat ttaaaaaagt caaatagttt ataataaaaa tgaattgtgt 180
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ttaacttgat	acttatatgg	aataacttca	gcattataaa	taaaaaccca	aaacaaacac	240
catttaaatt	tgagttctga	tgaaatgcat	ttgtaataca	atthttgttaa	aaatthtttaa	300
taagagattg	taggctaag	ttatatgctt	gtaatttcta	gaaacatatg	atgtccttg	360
tttatgaaaa	tgatcctact	gactgtcccg	cagtagaatg	catttgagac	actthttctat	420
ctgggataag	gggctgtgtt	gcttgataca	tgthttcttcc	agaccatgag	cccctagtgg	480
gagatgaagg	ggatgaaggt	ctgcagctgg	ggactgggtg	cagttgagtc	tggtctcatt	540
taacatcatg	ttctatgagt	cacagaatca	tccaaatgag	tatcagccag	atacaaaagaa	600
agctttgtat	tttctcatgc	ttagatagtt	cacaaacata	atattthaaat	aattgtggca	660
aaatcctgtt	ttaacaaaaa	taattthtcac	attccattct	acataatgag	gacattthcca	720
aaatgcattg	gcccacatta	ctattacttt	gctgatatga	agaaaatgaa	ttatgatggg	780
aagatccata	tacagatata	cacatgtgta	tccatattat	ttatatattt	aatatcagaa	840
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ttttcctcgt	cctccaggag	cccgaacacc	tccaccgcgc	aagttgccat	ttccgaacgc	5700
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gagaagcggg	a					5771

<210> 3767

<211> 562

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(494)

<223> similar to gil066818 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3767

ccagtagctg	ccaggetgtc	tgctgtgacc	ccagcccttg	tgagccaact	tgctcagagt	60
ctagcatctg	ccagccagct	acgtgtgtgg	ctctgggtctg	tgagccagtt	tgccctccgcc	120
ctgtctgctg	tggttcagagc	tcgtgcgagc	caccttctgt	ccccagcact	tgccaagagc	180
cttcttggtg	tgtctccagt	atctgccaac	ccatctgtct	tgagcccagc	ccctgctcac	240
cagctgtctg	tggtgccagt	ccatgccaac	ctacttgcta	tgtagtcaag	cgtgtctggt	300
ctgtctgccc	tgagccagtt	tcctgcccac	ctacctctctg	ccgacctctt	tcctgcagtc	360
cagggctctt	tgcatctgcc	atccccagca	acttgctcta	ggactttcta	cataccagct	420
tccagcaaac	ggccttgacg	tgctacgatt	tcctaccgcc	cggctctccg	tccgatctgc	480
cgcccaatct	gctctggact	cctcacctat	aggcagccat	acatgacatc	catctcctac	540
cgctctgctt	gctatcgccc	at				562

<210> 3768

<211> 1287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1280)...(588)

<223> similar to gi4176500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3768

cttaaatagt	atattgttaac	tgtgatctgc	atacacttat	ataagcagaa	ttatgagtta	60
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tgccattaaa	tagccaggag	gctagacagc	attaaagttt	cccttctctg	atcttctggt	180
ccttcagtac	aaactgagaa	ttttgaaact	atattggtgat	cccagtcttt	gggggagggt	240
taatatcaca	aaacctccat	gagaacaatg	ggctcagggtg	gaagactttg	aagactaaaa	300
ggcttacagt	taaggtagaa	ttatcactag	tagatcttag	ggaaatagga	atgcaaccag	360
aatcactcaa	tttattttatt	agaaagcaag	attcattaaa	tcatttctct	tttagaaaaa	420
tatctttaac	tggtatatatt	tcaaatgttc	ttttttaaag	aacatataaa	attaagatat	480
ttgtgaaaat	aaacatttca	gatatacttg	tttctcttca	tttttccctt	ttcaatggaa	540
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atctttttta	ttgtttcttt	tcctcctctg	aaaaaaggct	ttcttcattg	gttgtagtag	660
atgtaaaatc	atagtctctg	gaatgaccat	ttacaaaagt	aaataaggga	tatttctcct	720
tagaagaaaa	tttcagcatc	ttggtgattt	cttcagaagc	tcgtttgaag	tcctgaacat	780
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taacagcttt	gtcatctgca	ttatcagaag	tcattggaagc	actctgttta	tcaattacat	1140
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gccttgcttc	ttcaactgct	tttcttaaaa	tgtgagcaac	cacagctgag	accataccaa	1260
tctcctgctt	ttttcccgaa	cttcttt				1287

<210> 3769
 <211> 1706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1631)...(602)
 <223> similar to gi4928044 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3769

cttgccccgc	gttatgactt	tgattacccc	agcttggcac	gaggcctcgt	gccatttttt	60
ttgctccaca	aatgtttaat	ttattaagtg	tgccagggta	tactgctaac	tcattgcatt	120
ttaatttttc	tctagatact	caaatagcta	agcaaataaa	ggtacatgcc	agtctttctt	180
cttttataca	caacagacaa	aagtgttggg	gggctagaca	ccaaccagct	atTTTTTTcc	240
cctggaacca	gatcatcata	ctgctgagtt	ccttcaaacc	atcaaagtac	agccttcctt	300
ccaatgttgc	ataatctgtt	caaaatcaca	gtataaatac	aaagttcttc	catccatttt	360
acaaaaccag	caaaaactcta	caataaaaatc	ctacaggaaa	aagtagacca	atctcattta	420
caaacagcat	tttaacagta	attattaaat	gttacaaaac	ataagataca	aaatctaaat	480
ccttaaagtc	acacgatttc	tacagaaata	agaccctcgc	cccaccata	ttacttatga	540
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agaggtggat	gccggcccta	gcactggccc	tggccctcat	actggcttca	gctctggcct	660
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caataacgta	tttcaccatc	tccgagcggt	tgatgggact	cttcttcttg	tctttcacca	1260
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tgacggcggg	agtacaagga	gcaatgcgca	gcgggaagct	tggtggctgc	tgggccgcac	1680
cgcacggggag	tcataactgc	ggccgc				1706

<210> 3770
 <211> 2172
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(1545)

<223> similar to gi3046745 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3770
gatggctaga gaaccgagaa aaaacgcagc cctggacgcc cagtctgcag aagaccagac      60
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agcaccctgc agccctgtct ggggccccga acgctcccgc cagcgcttcc gaggcttccg    180
ctaccgagag gctgcggggc cccgcgaggc gttgagccgg ctccgagaac tctgcggaca    240
atggctgcag cctgagatgc acagcaagga gcagatcctg gagctgctgg tgctggagca    300
gttcctgacc atcctgccgg ggaatctgca gagctgggtg cgggagcagc atccagagag    360
cggggaggag gtggtggtgc tattggagta tttggagagg cagctggatg agccggcgcc    420
gcaggtagaa agaacagggt tagtatctga gcgctgtggt ctgtttcctc ctgaaatccc    480
agatcggagc gaggggcatt cctttaaggt ccaggagttc ttcattctct tttgtactgt    540
gaacctcctt ggcagtaagg gtttgctgaa aatggaagat gtggccctga ccctcactcc    600
tgggtggaca cagctggatt catctcaggt gaacctctac agagatgaaa agcaggagaa    660
ccatagcagc ctggtctccc ttggtggtga aatacagact aagagcaggg acttgccctcc    720
agtcaagaag cttccagaaa aggagcatgg gaagatatgc cacctgaggg aagacattgc    780
ccagattcct acacatgcag aagctggtga acaggagggc aggttacaaa gaaagcagaa    840
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attggggtgg gg                                     2172

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<210> 3771

<211> 1715

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (278)...(58)

<223> similar to gil519392 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3771
agattttat tttttttat tttttttat attttttat ttttttaatt gatcattttct 60
tggttggtt ctcgcataag ggggatttgg cagggtccat aggacaatag tggagggaag 120
ttcaagcaag ataaacagtt gtgaacaaag ggtctctggt tttcctaagg cagacgaacc 180
ctgcggcctt ccgcagtgtt tgtgtccctg ggtacttgag attagggagt ggtgatgact 240
cttaaggagc atgctgcctt caagcatctg ttttaacaaag cacatcttgc accgccctta 300
atccatttaa ccctgagtgg acacagcaca tttttcagag agcacggggt tgggggtaag 360
gtcttagatt aacagcatcc caaggcagaa gaatttttct tagtacagaa caaatgaag 420
tctcccatgt ctactttctt ctacacagac acggcaacaa tctgatttct ctatcttttc 480
cccaccttcc ccccttttct attccacaaa accgccatcg tcatcatggc cgttctcaa 540
tgagctgttg ggtacacctc ccagacgggg tggtggccgg gcagaggggc tcctcacctc 600
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ggagactctc ctcacctccc agacggggcg gcagggcaga ggtgctcccc acatcccggg 720
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tgggcagcca ggcagagggg ctctcacat cccagacgat gggcgccag gcggagacgc 900
tcctcacttc ccagacgggg tggcgccgg gcagaggctg caatctcggc actttgggag 960
gccaaaggcag gcgctggga ggtggaggtt gtagcgagcc gagatcacgc cactgcactc 1020
cagcctgggc accattgagc actgagtga cgagactccg tctgcaatcc cggcacctcg 1080
ggaggccgag gctggcggt cactcgcggt taggagctgg agaccagccc ggccaacaca 1140
gcgaaacccc gtctccacca aaaaaatagc aaaccagtc aggcgtggcg gcgcgcgct 1200
gcaatcgag gactcggca ggctgaggca ggagaatcag gcaggaggt tgagtgagc 1260
cgagatggca gcagtacagt ccagcttcgg ctcggcatca gaggagact agggaaagg 1320
gagaggggag aggttagtat tttcaaaaat catcatatag tacgtggtta cacaactctg 1380
aatatactaa aacacattga attgtatact ttaaaggagt gaactatata tcaatatata 1440
aggggtgagt tatagctcaa taaagctgtt aacaacaaaa caaaaatgcc ataccaaaaa 1500
aaaaatcatc atactgatct gtgaccttcc aatggaagga attaaactaa acttttcaa 1560
atggggctac tggcccttag gcaaggctcc gagattatcc taaaattatg gatttagagt 1620
atttaatgac ttttctgaag aattcttaga attcatctac taagcaaata accattcatg 1680
tagttatgat gtagtcattg tcaattttta caagg 1715

```

<210> 3772

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (719)...(325)

<223> similar to gil63673 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3772
ggcgcggggg cccttttttt ttttttgacc ttggataagt ttattaacct gttttataaa 60

```


tctgtattca	cacagatata	aagtgcctag	cccatcacag	cagagctctc	cgtagctcag	120
tggttggtcc	aataagacat	cagggattct	tcagaagcca	gccttcagac	ctctcactgt	180
gttttgagat	cattattatc	aatttggtt	taaaaaaca	gggtcctgta	aaacccttga	240
agtcttcctc	atctcagggt	ttagggatgc	cacttgcata	aaaatgagtg	gttcacaagg	300
tactgcccc	cagaagcagg	cactggaaag	aaacaggcag	ctcttcatta	tcccaagcag	360
aacctctgtc	aacttgccca	ttgatgggtt	ccatttgctt	gggcttgga	tcccaaaggg	420
gaagaaccac	ctttaccgga	gtaacagtcc	aaagcctggg	gctgcagttg	gtggggcaac	480
tcttcactgt	gcttgtagct	gggctggggc	aggatcctga	acctctcggg	ggcgtagccc	540
gcggaacgtg	gtcggcttgt	tggggaaggg	gtgccactgg	ccctggatgc	tagggttgtc	600
ggtgtggaag	ggcttgcgga	tgcggatcac	gtccaagccc	gactggctgg	ccagcttctg	660
caccagcgct	gagatctcct	cgaccgactt	gcagtggatg	ctctcctcgc	gcacagcc	718

<210> 3773

<211> 1677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(910)

<223> similar to gil504042 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3773

atcaagttca	ccgacattca	aggagatccc	gctgtggatc	tatagcctga	agacactgga	60
ggagctgcac	ctgacgggca	acctgagcgc	ggagaacaac	cgctacatcg	tcacgacgg	120
gctgcgggag	ctcaaacgcc	tcaagggtgt	gcggctcaag	agcaacctaa	gcaagctgcc	180
acaggtgggtc	acagatgtgg	gcgtgcacct	gcagaagctg	tccatcaaca	atgagggcac	240
caagctcatc	gtcctcaaca	gcctcaagaa	gatggcgaa	ctgactgagc	tggagctgat	300
ccgctgtgac	ctggagcgca	tccccactc	catcttcagc	ctccacaacc	tgcaggagat	360
tgacctcaag	gacaacaacc	tcaagaccat	cgaggagatc	atcagcttcc	agcacctgca	420
ccgcctcacc	tgcttaagc	tgtggtacaa	ccacatcgcc	tacatcccca	tccagatcgg	480
caacctcacc	aacctggagc	gcctctacct	gaaccgcaac	aagatcgaga	agatccccac	540
ccagctcttg	tactgccgca	agctgggcta	cctggacctg	agccacaaca	acctgacctt	600
cctccctgcc	gacatcggct	cctgcagaac	ctccagaacc	tagccatcac	ggccaaccgg	660
atcgagacgc	tccctccgga	gctcttccag	tgccggaagc	tgccggccct	gcacctgggc	720
aacaacgtgc	tgacgtcact	gccctccagg	gtgggagcgc	tgaccaacct	gacgcagatc	780
gagctgcggg	gcaaccgggt	ggagtgcctg	cctgtggagc	tgggagagtg	cccactgctc	840
aagcgcagcg	gcttggttgt	ggaggaggac	ctgttcaaca	cactgccacc	cgaggtgaag	900
gagcggctgt	ggagggtgta	caaggagcag	gcctgagcga	ggccggccca	gcacagcaag	960
cagcaggacc	gctgcccagt	cctcaggccc	ggaggggcag	gcctagcttc	tcccagaact	1020
cccggacaag	ccaggacagc	ctcgtggctg	ggcaggagcc	tggggccgct	tgtgagtcag	1080
gccagagcga	gaggacagta	tctgtggggc	tggccctttt	tctccctctg	agactcacgt	1140
cccccagggc	aagtgttgt	ggaggagagc	aagtctcaag	agcgcagtat	ttggataatc	1200
aggggtctcct	ccctggaggc	cagctctgcc	ccaggggctg	agctgccacc	agaggtcctg	1260
ggacctcac	tttagttctt	ggtatttatt	tttctccatc	tcccacctcc	ttcatccaga	1320
taacttatac	attcccaaga	aagttcagcc	cagatggaag	gtgttcaggg	aaaggtgggc	1380
tgctttttcc	ccttgctcct	atttagcgat	gccgccgggc	atttaacacc	cacctggact	1440
tcagcagagt	ggctccggggc	gaaccagcca	tgggacgggtc	acccagcagt	gccgggctgg	1500
gctctgcggg	gcgggtccacg	ggagagcagg	cctccagctg	gaaaggccag	gcctggagct	1560

tgcctcttca	gtatttgtgg	cagtttttagt	tttttgtttt	ttttttttta	atcaaaaaaac	1620
aattttttta	aaaaaaaaaa	gctttgaaaa	gggatggttg	gggttttaaa	aaaaaaa	1677

<210> 3774
 <211> 1709
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> similar to gi2289790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3774						
ggacagtcct	tcggggtacat	tctctatgag	accagcatca	cctcgtctgg	catectcagt	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccaggggt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaaatc	tctatctgaa	tgattcaccc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggtagc	ttgtccatca	gtcccacccc	ttgtgacacc	420
tttctgaagc	tggagggctg	ggagaagggg	gttgatttca	tcaatggcca	gaaccttgga	480
cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtcctcg	ggttgagcag	540
cggaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgcctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
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aggggtggag	cagctaatca	gatcgcccag	cctttggccc	tcagaaaaag	tgctgaaacg	960
tgcccttgca	cggagctca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
ctggttcctg	ggaggtttgg	ccacatccct	catggcccca	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
cttcacaacc	ttctgagcct	tctttgggat	tctggaagga	actcggcgtg	agaaacatgt	1200
gacttccccct	ttcccttccc	actcgtgct	tcccacaggg	tgacaggctg	ggctggagaa	1260
acagaaatcc	tcacctgcg	tcttcccaag	ttagcagggt	tctctggtgt	tcagtgagga	1320
ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
acatccaggg	aggaggacag	aaggcccagc	tcagtggccc	ccgcccccca	ccccccacgc	1560
ccgaacagca	ggggcagagc	agccctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
tgttttgggg	cccagcccaa	cacctggctt	gggctcactg	tcctgagttg	cagtaaagct	1680
ataaccttga	atcccaaaaa	aaaaaaaaaa				1709

<210> 3775

<211> 1473
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (89)...(1363)
 <223> similar to gi902624 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3775

gcgaccgcgg	gcgatgccaa	aaacgaagcc	ccatgtgcc	ctcccctgat	ctgcagcttc	60
ggtaggcgg	tggacctgga	agaaggacga	ctaccagaag	gtggtgtgca	acaacgagca	120
ctgcccctgc	agcacctgga	tgcacctgca	gtgcttctac	gagtgggaga	gcagcatcct	180
cgtccagttc	aactgcatcg	gccgcgcgcg	cacgtggaac	gagaagcaat	gccgccagaa	240
catgtggaca	aagaaggggc	tacgacctgg	gccttcgcgt	tctgctcttg	ccgctgtggc	300
cagggcaact	tgaagaagga	cacagactgg	tatcaggtga	agcggatgca	ggacgagaaa	360
aagaagaagt	ctggctccga	gaagaacaca	gggaggcctc	ctggtgaggc	ggcggaggag	420
gcaaaaaagt	gcaggccccc	aaataagccc	cagaaaggcc	caagccacga	cctccccgcg	480
cggcattcca	tggaccggca	gaactcccag	gagaaggcag	tgggtgccgc	agcctacggt	540
gcccgttccc	ccggtgggtc	cccgggccag	tccccacca	cgggtactc	catcctctct	600
cctgcccact	tcagcggccc	ccgtcctcc	agatacctcg	gggagttctt	aaagaacgcc	660
atccatctgg	agcctcacia	gaaggccatg	gctggggggc	atgtgttcag	aaatgccac	720
tttgattaca	gccctgcggg	gttggcagtt	cacagggggg	gacacttcga	cacccccgtg	780
cagttccttc	ggcggctgga	cctctccgaa	ctcctcactc	acatccccag	gcataagctg	840
aacactttcc	acgtgcgcat	ggaagacgat	gcccaagtgg	gccaggggga	agacttgagg	900
aagttcattc	tggccgcgct	cagtgcagc	cacagaaacg	tggtaaactg	tgccctgtgc	960
caccgggcgc	tcccgtgtgt	cgaacagttc	ccactggtgg	atggaacttt	gttcctaagc	1020
ccgtcgagac	atgatgagat	cgaatatgat	gttccttgtc	accttcaagg	gagactcatg	1080
catctgtatg	ccgtgtgctg	ggactgcctg	gaaggggttc	acaagatcat	ctgcatcaag	1140
tgtaatcac	ggtgggatgg	cagctggcac	cagctgggca	ctatgtacac	ctacgacatc	1200
ctggctgcct	ctccatgttg	tcaggccccg	ctgaactgta	agcactgtgg	gaagccggtg	1260
atcgacgtga	ggatcgggat	gcagtacttc	tccgaatata	gcaacgtcca	gcagtgtcca	1320
cactgtggga	acctggacta	ccacttcgtg	aagccatttt	cctccttcaa	agttctcgaa	1380
gcttattgat	gaaagctttg	ctttagtaat	agctatttta	ttgatattat	tactttatta	1440
catatctttt	atagggaaac	catctcaata	aac			1473

<210> 3776
 <211> 2039
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (103)...(994)
 <223> similar to gil791257 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3776
cccagacaga agagaccacg gtaaagatca gctgacggcc tctgtgggaa caaagacagg      60
gaaaggggaa atgagttcac cagaaaccaa caggcagcac aggaggtggt aaacccgaaa      120
aagaaaatga agaaaaagaa atacgtgaat tctggcacag tcaccctgct ttcctttgct      180
gtggagtcag agtgcacctt ccttgactac atcaaaggag ggaccagat caacttcact      240
gtggccattg atttcactgc ctccaatggg aacccctcac agtccacatc cctgcactac      300
atgagccccct accagctgaa cgcctacgcg ctggcgctga ctgccgtcgg agagatcatc      360
cagcactacg acagtgacaa gatgttcctt gccctgggct tcggggccaa gctgcccccg      420
gatggcagag tgtcccacga gttcccaact aatggcaacc aggagaaccc ctcatgctgc      480
ggcatcgacg gcatcctgga ggcctaccac cgcagcctgc gactgtgca gctgtacggc      540
cccaccaact ttgcccccggt ggtcacccac gtggccagga atgcagcggc cgtgcaggat      600
ggctcccagt actcgggtgct gctcatcatt actgatgggg tcattctcga catggcgcag      660
accaaggagg ccattgtcaa cggttgcaa gctccccatg tccatcatta tcgtcggcgt      720
gggccaggca gagttcaacg ccatggtgga gctggatggc gacgacgtgc ggatctcctc      780
ccggggggaag ctggctgaac gcgacatcgt ccagtttgta cccttcgggg actatgtgga      840
ccgcacaggc aaccacgtgc tgagcatggc ccgcctggcc cgagacgtgc tggcagagat      900
ccctgaccaa ctggtgtcct acatgaaggc acagggcatt cgcccgcgtt ccccaccgcg      960
agcaccaacc cactcgccct cgcagtcccc agcccgcacg cccctgcgtt gccccctgca     1020
cacgcacatc tgaacctggt ctcagcaggc aggtggctgg ggccctggag aggccagggtg     1080
aatgggaggc cagggcccca gactccccga agttggcctg cccggccttt gggacatctg     1140
tgtgcctggg aggctgccag ggggtggggc ttctgaagac cctcctcaa tttcttgcc      1200
tcactttattg cccaaaccca gggagttagg ggggtacggg tgaaagaggg gtacacaggg     1260
accagccctt tctcttcttc cccaatacct ggctctaacc cagccaggaa ggtgtaaaca     1320
ataagggtga ttggggtccc tgtcgccac ccccggaat cctatttgct tacctgtcac     1380
cctgaagcct gggcttggcc tcctccagcc ccccatctcc gtcccatcct cccatggtgt     1440
ctactcctgt ccctgagccc cgccctgtgg tctatcctgt gcccgatttc cagtgaacct     1500
catgaagctg atgggtttgc aggaaggcct gaacatgtgc accctcccag ggacactgga     1560
tgcgctggga gccccgggga ccccatgggg tgctgtaatc atggaccgta ggccatgtga     1620
tgggcctgaa gtggaggctg ctcagcacag agccctttct ggtgcctctc gaactcagta     1680
cgatgcaagt tctagacaca cagatggcct gtggaggcct ctccctggtg tgggcccaca     1740
gggtactcca tggttgactc ctggcttcag gaatcccttc ctccctccag aggettccca     1800
gggcccctcg tgcccacgcc tctgcccac tggaggcctg agtaaggagt ggctcaaccc     1860
cacgttccca cactgctcct gctctttgcc ctgtatccca tgaggctagg agacaggagt     1920
cctgggtttg agccctgcct cccccactg cctaattgtg gaaccaagc aaggcccttc     1980
taccttttgg gcctcagttt ccatgtctgt acgacaagag ggttggaaca agatggccc     2039

```

<210> 3777

<211> 1324

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (397)...(912)

<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3777

```

tttccgggtt tttattaatg cttattgctt ggtaatggtg tagtgttttg ttttaacagg      60

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atttggggat	gacagagcta	agggcctttt	tcaattttcc	acttttaacc	agaagacacg	120
gctataaaac	aaaacaaaac	atgattttca	cggagaaaac	tgaaaggaaa	ttggttaa	180
tggctgtttt	cttgtttagt	tctttttaaga	caatagaact	tgtcattgaa	tggaacatgc	240
tttgtgggga	agttaaattt	gagatatact	ttgaaggatg	agaaacgggc	ttctcacagc	300
attgcacaga	acactgcgat	ggtgtcctca	gaccgaagcc	aactttcctt	tctgcccaca	360
gaagctcaag	cccaggtgtc	gccgccaccc	ccttaccctg	cacccagga	gctcacccag	420
ccccctctgc	agcagccccg	cgccccctgag	gccccctgcc	agcagcccca	ggcagcctcc	480
tcactgccac	agtcagactt	tcagcttctc	cgggccagag	gctcatcttt	gaccaacttc	540
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ggtgcctctg	gtgcaacaag	gttcccagaga	actgcaggac	tcttttcatt	tgagaccaag	660
cccgatttcc	aactgcggga	gtctcccga	caccatcctg	ccagaagact	ccagcaccag	720
cctgttcaaa	gacctcaaca	gtgcgctggc	aggcctgcct	gaggtcagcc	tgaacgtgga	780
cactccattt	ccactggaag	aggagctgca	gattgaaccc	ctgagcctgg	acggactcaa	840
catgttaagt	gactccagca	tgggcctgct	ggacccctct	gttgaagaga	cgtttcgagc	900
tgacagactg	tgaacagaag	gcagtggaac	agaagaatgt	ttttctgcaa	cagccaaaat	960
agaatggaat	agaatgaagc	cagctgatac	cacgggcttt	cgttatcttg	acatagaagg	1020
aagcaatgcc	acggctccag	ggtttcagat	gagatcccat	ctcagacact	gtggcttcct	1080
ccagatcaca	cagcttttga	ctgcctctcc	cgctgtggc	caaagtcgtg	ttgcagcagg	1140
caggctgctt	ggagcttccc	atgaactgga	aagctcacct	ccactgcac	tttttactgg	1200
ccatccagtc	agccgatgtg	taagagtagg	aaatactgtg	tcactggagg	cctccgtagc	1260
attgtgtagt	gtgctcagaa	ccactgatct	ccgtccgcac	cgaaggcggg	cccggagtgg	1320
gagg						1324

<210> 3778

<211> 1330

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (471)...(1044)

<223> similar to gi3702137 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3778

cgcgccatt	gatgatcgtt	agtccagtcg	cggggaattc	caccacgctg	gtcttgggag	60
gctccatgag	agggaggttg	gacttgagag	gggcttacag	cctgggtgag	aggcaaagag	120
gaggccagag	accttctggg	tagagaggac	cctcgggcca	aggctcagag	gtggatgaac	180
gggggagcct	taggtggaac	agcacagggt	ggaaccggc	agaggacaat	gggagctgat	240
ggaggctagg	ccagagtggg	gccttcagtg	atgcttgaac	cccaggcttc	agactccaga	300
agagccaagg	gcaggtggcc	cggtgcaga	gcctgtggca	ggcaggcctc	actcactata	360
cccttctgtg	tcctttgcct	gcagagacct	gtctgggccc	cagagaggag	tctggaggcc	420
ccccgagcca	ggctgagcca	gccgctaggg	gcacggagca	gtgcccacct	tgcgcccagt	480
gtggccagag	cttcggccgg	aaggagctca	gtgcgcccga	ccagcgcgtg	catcgtggcc	540
cccggccttt	cgctggtgct	cagtgtccca	agagcttcac	gcagcggacc	acccccgcca	600
gccaccgtcg	ggcgcacgtg	gccgagtgc	cctacacccg	cgcccaatgc	ggcaagacct	660
tcctccagca	gtcgacgctc	acacccacta	ctgcgcgcac	atcaggggaga	agccctacga	720
gtgcgccaag	ctctttggcc	gcctgtccac	gctgctggag	caccggcaca	tgcacacggg	780
tgagcggccc	ttccagtgc	cgcaatgtgg	ctgctgcttc	agccgcctgt	ccacgtgct	840
ggagcaccgg	cacacacaca	tcagcgagaa	gcccttcag	tgtgcgcagt	gcgacaagcg	900

tttcacgcgt	ctggccaacc	tgaccgtgca	ccagagagtg	cacttgggcg	agcgctcctt	960
ccagtgcgcc	cagtacagca	ggagattcat	gcagaagccc	ggcttcctgc	gtcatctgtg	1020
tggccactcg	caggagaagc	actatccttg	cagcccttgt	ggttcccatg	atcagtgggtg	1080
aaatatagtg	attttcacct	gtgcttccat	tctgaagtcc	tggaaagaag	tactggatgg	1140
actgaagtcc	aggacaacgt	cccaaagaaa	ggcagagtcc	aggtaggctt	ggaggaccaa	1200
gccctggatg	agcactggag	ggcagaggcc	tcagtgtcca	gcactgtgcc	ctgcacatgg	1260
aaagccccta	cgtttgtgga	atgaatgaat	aataaaaatg	ttttcataag	tgataaaaaa	1320
aaaaaaaaagg						1330

<210> 3779

<211> 3274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3262)...(1117)

<223> similar to gi505033 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3779

tttttttttt	ttaaataaaa	gttttgcttt	tattttaa	aaaatgcatt	tatacagtct	60
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tatgtgagct	aggaattttc	tgactagcac	caatacagat	tgtaacagcg	caacagacta	180
gaacatggcc	agtccaggca	ttagagttaa	ggacattgtg	gcaaatacatg	atcataatga	240
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gagtaatctc	caggtctgaa	agggcagcat	caacttcatc	aacttctttg	tcactgttgt	2160
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gctcataaag	ctgattgatt	ctgattgcac	catactttgg	attcaaataca	aaaaagctgt	2340
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tcccgtccgc	gtagcagcca	tctggcatcc	ttatcccgtc	cagagccatg	gctccttccg	3180
cgcgctccta	gcgctccggg	cccgggactc	gcgcggcaac	aggcgagggg	ctggaggctc	3240
gcggggcggc	ggtgtccgcg	tccgcccggg	aatt			3274

<210> 3780

<211> 1891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(943)

<223> similar to gil234793 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3780

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ttcattatgc	catctatgga	tttttaaaaa	tgagtgcacac	cctagcagtt	tacatctttg	180
aagagaacca	tgtggttcaa	gagaagatct	ggtctgtgtt	ggagtcccca	aggggtgttt	240
ggatgcaagc	tgaaatcacc	tttaagaagc	ccatgcctac	caaggtgggt	ttcatgagcc	300
tatgcaaaaag	tttctgggac	tgtgggcttg	tagccctgga	tgacattaca	atacaattgg	360
gaagctgtct	atcttcagag	aaacttccac	ctccacctgg	agagtgtact	ttcgagcaag	420
atgaatgtac	atttactcag	gagaaaagaa	accggagcag	ctggcacagg	aggaggggag	480
aaactcccac	ttcctacaca	ggaccaaagg	gagatcacac	tactggggta	ggctactaca	540
tgtacattga	ggcctcccat	atggtgtatg	gacaaaaagc	acgcctcttg	tccaggcctc	600
tgcgaggagt	ctctggaaaa	cactgcttga	cctttttcta	ccacatgtat	ggagggggca	660

ctggcctgct	gagtgtttat	ctgaaaaagg	aagaagacag	tgaagagtc	ctcttatgga	720
ggagaagagg	tgaacagagc	atttctctggc	tacgagcact	gattgaatac	agctgtgaga	780
ggcaacacca	gataattttt	gaagccattc	gaggagatc	aataagaagt	gatattgcca	840
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catcaggata	ttctgaggac	ttaaatgaaa	ttgagtatta	agaaatgac	tgcattggat	960
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gacagtctta	acaattttat	aagttataaa	atgacttttag	agcaccctcc	ttcattactt	1080
ttgcaaaaac	atactgactc	agggctcttt	ttttcttttt	gcatatgaca	actgttacta	1140
gaaatacagg	ctactgggtt	tgcataagac	attcatctta	attttggtac	cagttaaaaa	1200
tacaaatgta	ctatatgtta	gtcattttta	agtacacaaa	gggcacaatc	aaaatgagat	1260
gcactcattt	aaatctgcat	tcagtgaatg	tattgggaga	aaaataggtc	ttgcagggtt	1320
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agcaactttt	ataaatgtgt	taaacaattt	tactgatttt	tataataaat	attttggtta	1740
gattttgaat	aatatgaatt	caggcagata	tactaaactg	cttttattta	cttggttaga	1800
aaattgtata	tatatgtttg	tgtatcctaa	cagctgctat	gaaattataa	aattacctaa	1860
taaaaaataat	ttgaaaatct	taaaaaaaaa	a			1891

<210> 3781

<211> 1909

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1904)...(1434)

<223> similar to gi4567180 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3781

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aaatgccaga	acattagcaa	ccagtagtat	caaataacaa	aattaaaagt	atggcctaaa	120
aggccccaga	gaaagtgcac	tttggggaac	actcttatgt	gtaaacagag	cttcagtcgg	180
ccttaggaaa	ctcactcgaa	gttactgata	tggtctgttg	gtgcttcctt	gtattcacat	240
attgggaaac	ttgatcccc	aatgtaacag	tatgaagagg	gaggaccttt	gggagggtcat	300
gaggtcaggg	cccttgtgac	tgggattagc	acccttataa	ggggcctgag	gaagtctgct	360
gtttacaacc	acgtgaagac	acacatcaag	acacaagcac	tacctatgaa	gaacataccc	420
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gaagggactt	aagacagttg	ccttcacatt	tagctgcaaa	aatcactata	aaaataatct	600
gtgctcagat	gtatatactt	attgaatcca	tgcataattc	tttctgaata	tcaaacctgc	660
tgtgttttct	tttcttctt	gccctccca	caatcactga	agccgatttt	gaccagacaa	720
ctggccaaaa	cagaagactg	tttaaaataa	catagtctcc	cttaattaaa	agttttattt	780
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tttgctaaact	ctgaaaaaaa	aatttttccc	ctcacaaaac	accggcaaac	tcctgccact	900
tcctagcttg	gtggctgcca	gcgtgcactg	cagggaaacg	gtgggtggag	ggataggaag	960

gccctcacgc	tcccaaccca	cggagaaaat	gcagatgggtg	acaagctgca	tctggactcc	1020
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cgctgaagaa	acagagatgt	ggaggcaggc	gtgacctgtc	ccagctctag	gacagttact	1140
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accccgagtc	cccaccccag	gggagaactt	ctcacagccc	tgctgacaaa	gcgcgcagcc	1380
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cggtagggct	tctcgcccg	gtggatccgc	tggtgcacag	tgaggaggga	gttcttgatg	1560
aaggacttcc	cgcactggcc	gcacctgtac	ggcttctcgc	cgggtgtggat	ccgctggtgc	1620
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cagatgtagc	actcgtaggg	cttctcgccg	gtgtggatgc	gctggtgctg	cgtgagcgag	1800
gagttcttgc	tgaaggcctt	gccgcactcg	ctgcactcga	aagcttcacg	ccgatgtgga	1860
agcgctggtg	ctggatgagg	taggagctct	ggctgaaggc	cttgccga		1909

<210> 3782

<211> 1638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1336)

<223> similar to gi4877759 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3782

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aagaccacca	agtcggggaa	ggcgctggcc	aagactcggt	gggtggagcc	tcaaaatgtt	120
gtggcagcag	ctgctgccaa	ggccaagatg	gccacgagca	tccctgagcc	ggaggggtgca	180
gctgctgcca	ctgctcagca	cagtgtctgag	ccctgggcca	ggatgggagg	caagaggacc	240
aagaagtcca	agcacctgga	tgatgagtat	gagagcagcg	aggaggagag	agagactccc	300
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ccccgcaacg	tgacccttct	gcaggagagg	gcaaataagt	tggtgaaata	cctgatgatt	480
aaggactaca	agaagatccc	catcaagcgc	gcagacatgc	tgaaggatgt	catcagagaa	540
tatgatgaac	atttccctga	gatcattgaa	cgagcaacgt	acaccctgga	aaagaagttt	600
gggatccacc	tgaaggagat	cgacaaggaa	gaacacctgt	atattcttgt	ctgcacacgg	660
gactcctcag	ctcgctcct	tggaaaaacc	aaggacactc	ccaggctgag	tctcctcttg	720
gtgattctgg	gcgtcatctt	catgaatggc	aaccgtgcca	gcgaggctgt	cctctgggag	780
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catttcttgg	aggctgtgga	tgatgctttc	aagacaatgg	atgtggatat	ggccgaggaa	1080
catgccaggg	cccagatgag	ggcccagatg	aatatcgggg	atgaagcgct	gattggacgg	1140
tggagctggg	atgacataca	agtcgagctc	ctgacctggg	atgaggacgg	agattttggc	1200
gatgcctggg	ccaggatccc	ctttgctttc	tgggccagat	accatcagta	cattctgaat	1260

agcaaccgtg	ccaacaggag	ggccacgtgg	agagctggcg	tcagcagtg	caccaatgga	1320
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cggcttcttc	ctgtcagtcg	gaggtggcat	gcaagatgaa	gctctctttg	ctcttctctg	1560
tttcattttg	tgcttttctt	tgtgttttca	tgttttgggt	atcagtggtt	cattaaagtt	1620
gcaaaattaa	aaaaaaaa					1638

<210> 3783

<211> 2124

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (280)...(1304)

<223> similar to gi2804429 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3783

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ggcgaccaga	cgcacgcgc	cgcacagact	cccggccccg	gcgagcccc	gcacgaggac	120
gcacgctacc	ctggaatgca	ggctacgcga	tgcattatca	atgcagagaa	atctgaattc	180
aatgaggatc	aagccgcctg	tgggaagctg	tgcacccgga	gatgtgagtt	tggggctgaa	240
gaagagtggc	tgaccctgtg	cccagaggag	ttcctgacag	gccattactg	ggcactgttc	300
gatgggcacg	gcggtcctgc	agcagccatc	ttggctgcca	acaccctgca	ctcctgcttg	360
cgccggcagc	tggaggccgt	ggtggaaggc	ttggtggcca	ctcagcccc	catgcacctc	420
aatggccgct	gcatctgccc	cagtgaccct	cagtttgtgg	aggaaaaggg	catcagggca	480
gaagacttgg	tgatcggggc	attggagagt	gcctttcagg	aatgtgatga	ggtgatcggg	540
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cagggaaaagc	tgtacatggc	caatgctggg	gatagcaggg	ccatcttggt	gcggagagat	660
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ggactctggg	atgtactgtc	caacgagcag	gtggcatggc	tgggtcggag	cttcctccct	1140
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tggggtagag	cacaagggac	aagaggaact	cttggagttg	gctgggtgag	agggctctcc	1980
atttgctacc	tgtagtagcc	tgcctcttaa	ctggttgctt	ctccctagtt	ccagccctgc	2040
cctggtctga	tgccccaa	ctgcccttgc	tttgttttcc	ctgtcacctc	cctattatta	2100
aatgttttct	acagaaaaaa	aaaa				2124

<210> 3784

<211> 2042

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2044)...(1169)

<223> similar to gi5578968 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3784

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ttaaataatt	tgcttggtga	gctattctca	aatgtagcac	attttaagat	tttgccatca	180
ttatgactgt	ggaatcattg	tttggttttc	atagggaaac	agatctgtca	cagtatgaag	240
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cagaatataa	ctaaagggca	ggcttcgatg	gctccacaaa	gggttgctg	cggttaccaa	360
ccccacacct	cctggcttcc	ccgttcggca	ccgccctggc	cagggttcac	atgggtttca	420
tttccaggag	gatggctttg	ctcttcggc	agttagggta	ggttttaatt	ccttcaaagg	480
cacacaactt	ccatcttttt	tccagcgtgg	ctccacacc	cgtgaattcc	tgtttgaaca	540
tgcgtggcag	cctcatcaaa	agcattttcta	tttcatttgc	agatatcttg	gagtccagct	600
gctgcatgta	tgaccaaaga	tattctatgt	tggtccaaa	aggatggacg	tgaagaaacg	660
ttgatatgat	acatattagc	agagcttctt	tctctgattt	taagccttgg	cttcttttct	720
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aatcctcatg	gctgtggcca	ttggtctcga	ccaattcctt	ggtacctttt	aattgttctt	840
gcaggacttt	tagtaacgct	tgtgtatggg	actgctcttc	ctttgcttgt	tccaattctg	900
actttttggt	gtttaactcc	tcttgatgg	ttagcaattg	ctgctgcatg	ccttgcatgg	960
tttgctgcag	aaactgcagt	tgctggctct	tggtgaggtt	ttcttctggt	cggaaaagct	1020
gttctttttc	ttgtttcagc	agctccacct	cattcctgta	ggcatccagc	tgccagcggg	1080
gactgtcatt	ctcctctttc	agagcgtagg	cctgggcagc	cagggtgat	tcacgcactc	1140
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ggcggatgcc	catgagctgc	tcactttgag	cattccggag	ctcctcagaa	tgctttcgcc	1260
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attcacttcc	cctcgttcaa	tccaggaaag	cagcactgtg	catagcctct	gaaaacttgc	1560
tatcatcttt	cagcttttca	gccagcagag	cggcttcgtg	ctccgagtag	tgcattatgg	1620
caggcgggga	tgggggcctg	agccggtcct	cctccagctt	gcgcgggtgc	cgctcctccc	1680
gggcacgcat	cctctgcttg	cattcccact	catagaagtc	atccctggcc	tgggcaaagt	1740
ccacatgaag	gcggcctgaa	tcctttttgt	cgggtgctaga	ccctaatacg	atcctataac	1800
cagaaaggta	aatggcttta	tcaaccatga	attcctctgc	aaagcgaatg	tgacaaaaat	1860

tcttcttgc	tttccgaatt	gctgtaatat	caccgcactg	ttcaaagact	tcttgaataa	1920
tttccctcagt	agcattttct	ggtaatcctc	cgacaaacac	ggctcttacac	ccaggagggtc	1980
gttctcttgc	ggaaggagggt	ggaagatttg	gatttttgagg	aaaaagagta	cagcttttgc	2040
ag						2042

<210> 3785

<211> 1985

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(1029)

<223> similar to gi5001458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3785

tgccaccagt	gccacaatgc	agtggctgga	cattcggata	cagctcatgg	gggcggcagt	60
ggtcagcgct	atcgaggca	tcgctctggt	gcagcaccag	cagggcctcg	ctaaccagg	120
gctggtgggc	ttgtcgctgt	cttatgcct	gtccctgacg	ggcctgctct	cgggcctggt	180
gagcagcttc	acacagacag	aggccatgct	ggtgagcgtc	gagcggtgg	aagagtacac	240
ctgtgacctg	ccccaggaac	cccagggcca	gccactgcag	ctgggcaccg	gctggctgac	300
ccaggggggc	gtggagttcc	aggacgtggt	gttggcgtag	cggccagggc	tgccgaatgc	360
cctggatgga	gtgaccttct	gcgtgcagcc	tggagagaag	ttgggcatcg	tgggcccac	420
aggctccggc	aagtcttccc	tgttgttgg	gctcttccgg	ctgctagagc	ccagttcagg	480
gcgagtgc	ctggacggcg	tggacaccag	ccagctggag	ctggcccagc	tcagatccca	540
gttggctatc	atccccagg	agcccttttt	gttcagtggg	actgttcggg	aaaacctgga	600
ccccagggc	ctacataagg	acagggcctt	gtggcaggcc	ctgaagcagt	gccacctgag	660
tgaggtgatt	acatccatgg	gtggtctgga	tggtagctg	ggtgaggggg	gccggagctt	720
atctcttggg	cagaggcagc	tgttgtgttt	ggccagggct	ctcctcacag	atgccaaggt	780
aagatcctgt	gtatcgatga	ggccacagca	agtgtggacc	agaagacaga	ccagctgctc	840
cagcagacca	tctgcaaacg	ctttgccaac	aagacagtgc	tgaccattgc	ccataggctc	900
aacacgatcc	tgaactcaga	ccgggtgctg	gtgctacaag	cggggagagt	ggtagagctg	960
gactccccgg	ccaccctcg	caaccagccc	cactccctgt	tccagcagct	gctgcagagc	1020
agccagcagg	gagtccctgc	ctcactcgga	ggtccctgag	cccaatccca	caccctgcag	1080
agttctcccc	tctctctgat	ccaggccggg	cctatacaga	ggtgctggct	gcttgtttac	1140
attcttctct	ggggctctac	ctctccacac	ttccccagaa	gggaaaagg	caccctggat	1200
tactctttgg	aaatcactcc	ttggtgggca	gcactcctgag	gcttccccag	aaccaggcct	1260
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tgagatccgg	agcaaaacaa	gcccctgtgc	tgttggggag	tggccccgtg	gcaaggtaca	1860
cttaaaactga	agttggccca	aaagggtttg	ccactgttgt	tgggtgtgtt	gggaaattaa	1920
aaagactcca	aggtttgtcc	cctaggccct	ggtgaaagtg	tgtgaatttt	tgaaaagtcc	1980

<210> 3786
 <211> 1122
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(723)
 <223> similar to gi2696613 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3786
 cgtgtggagg aattcgtcag atctgggtgt catactatca gaattccctc tggcccctga 60
 gctggccaaa gccctgctgg cctcatgcga gtttgactgt gtggacgaga tgctcaccct 120
 ggctgccatg ctcacagctg cccctgggtt taccgcctc cactcagtg cagaagaagc 180
 tgccctgcgt cgggccctgg aacacacgga tggtgaccac agttctctga tccaggtgta 240
 tgaagccttt atacaaagtg gagcagatga ggcttgggtg caggctcgag gtctgaattg 300
 ggcagcattg tgccaagccc ataaacttcg gggagaactc ctagaactca tgcaacgaat 360
 tgaacttccc ttgtccctac cagcctttgg ctctgagcag aatcgagag accttcagaa 420
 agcactgggtg tcaggatact ttctcaaggt ggccagagac acagacggga ctggaaatta 480
 cctactccta acccataagc atgtggccca gctctcctca tactgctgct accgaagccg 540
 cagagctcct ggccagaccc ccaccatggg tggcttttac cacaattttc accatatcca 600
 aagacaactg cctttccatt gtttctgaga ttcaaccaca gatgctgggtg gaattggccc 660
 ctccatactt cctgagtaac ttgcctccca gtgagagcag agaccttctg aaccagctaa 720
 gggaaggaat ggcagattct acagcagga gcaaatcatc cctcagcccc cggagttcag 780
 agatccccctg tgtccctgca gtgacctgc ctgccctatg gaatggagct gggttcatct 840
 catcacatta gattatccct cagggtgaca ccaaagcacc cagacagatt tagaagccca 900
 aagtttaggg tcaaagttaa accctggaac ctgagtccca agaaatggta gactgggaat 960
 ggaaagaatg gggtaaacca cagtctacat agggaaggac tctttcctta gccttctctt 1020
 attgattgga gagggactga catgctctc attctcttaa ctttgccaaa cccattcttg 1080
 tactcccttg tgatctataa aagatttttc tatgatgcca aa 1122

<210> 3787
 <211> 1773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(360)
 <223> similar to gi1537068 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3787

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cgatctatgg gagttagttt tggaccgcca ttcggctcag ggtattggca ctggcttgca      60
atcaagtggg ttaggttctt caaacctggg aggatttttg atctagctct ggttttggat     120
gcagcaccac aggggcctcc acatttggat ttggaacagc aaataaaccc tcaggaagtc     180
ttagtgacag ctttggcagc tcaagtacat ctgggtttta cttcagcaat cctggcatca     240
cggcatcagc tggtttgact tttggggtgt ccaatcctgc ctctgcaggt tttggaacag     300
gaggacagct ccttcagttg aagaaacctc cagctggaaa caaaagagga aaaagataaa     360
catgggttga tgtgttgaga gaatccatag cagcaccgtt cattctatga gtctattttt     420
ctaattgatgc agtaattaaa ttgcatccca ggagatttat aaaggtttga tatttttccc     480
tactctggaa tttgaacttt cttcatgttt gccatactga acatcttttt tcttgtggaa     540
tttaaagtcc agctgtgttt tctttttaat ttgattctca gtgtaagaaa tgttctgatt     600
acatcactga ttggtaatgg ttagaaacca ttaacctaaa acttactatt taacctagtg     660
tttttgttga tgaggtttac attatgtgaa tacatgcaca tttgtttctt atacaggtgg     720
tgtgaactct agggcctata ctagaatcaa tttgttcctt gttaaaggcc ttttgaatta     780
tactgcaggg catcttgtga atatgtatgt aaatatatac agaataatac acacagttgt     840
gtgtgcatat aaaatacata tttacgccag gcgtgggtggc tcacgcctgt aatcccagca     900
ctttgggagg ccgaggcagg cggatcacct gaggtcagga gtttgagacc agcctgacat     960
ggtgaaaccc catctctacg aaaaatacaa aaattagctg ggcatagtgg cgggtaccta    1020
taatcccagc tactcgggag gctgaggcac gagaatcact tgaagccggg aggtgggggt    1080
tgacgtgagc cgagatcaca ccaactgcact ccagcctggg caacaagagc aaaactccgt    1140
ctcaaaaaag atgaaaataa aataaaatat atatttacag gcctacaact tttgcctcag    1200
actgttcccc ttttctaagg gtattcaagt tttcaccttt taagcttcat atcctcagtg    1260
cttgtagaat gatgagctta gaggtaccag gtcattgcag ttgtttgctt aaagacttat    1320
tgaaatggtt actggcgtaa atacttggcc aactcaactt tattgcccct gatcttttcc    1380
atttttgttt ccaccttaac ctatagcagc tcctccaaat gaggaatgct gtaagtaaga    1440
ctcatcaaac agattttaac cattttatta tcctgtgtgt ccttacattg cttctgtgag    1500
atgttttttt cttatctgag atgaactttc aggagcctat ttgaactcca gactggtggt    1560
ctggggcaaa gagctattag ccaaactgat tctatgcagg tgaaggatgc actaaagttc    1620
tcactttagt gagaactttt ctagctattc caatacagag ttctttctta tagggctatt    1680
gatattgaca ccaaattggac tggcttctca gcctcttaat gtcttaagta agtgcttaat    1740
ttggaataga gaaaccagta tattctatag aag                                     1773
```

<210> 3788

<211> 1854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1844)...(910)

<223> similar to gi2507613 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3788

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gagagctagc accatagctt caataccctg attgaatgtc acccttgact gcctaactca      60
tctctttccc aagtcatagg ttatccctgg tcctggctga ttatcacagg cagggaggga     120
gggaaagagg caaagggaga aggcctgtg tgggactcaa acttgctcac cctttttctg     180
taatctgcag ctcactcttg ctgccactca gcagatctgg tctccctaac tcttttttcc     240
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cctgcctcta	ctttgagact	caattgcttc	cccaggactt	tttttctccc	caagccaaag	300
aatgaaagtt	caatcatccc	agctcagttc	ttatcaagca	ttccagctag	cctatgccag	360
agatgttaca	cagctcttta	ataatagtgg	ccatagctgt	aataacaatg	acaacagtag	420
gtagcggtag	tcataccaac	agtagggcag	tgcattttat	attacaactg	gtttcttgct	480
ctagtaggct	tggggatggg	tgaagacgga	cagggtggc	gcagaccctt	tccttctcct	540
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aaaagtctct	ttttggctta	acaatacccc	tgagaccttg	ttcagtgggc	tgtgtctctc	660
cctgggatgc	tgggagcacc	aagtgtggcc	cgagctaggg	ctgctgactt	cctctgggcg	720
cctctgggct	gcgaggggtc	cttacaggaa	ttgaggccct	ttgctgctcc	aagaaatgct	780
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tactcctggg	gtgctcgggc	ccccgcagcc	atagccccag	ctaacgatgc	ccaccacatg	1020
ccactggtca	gattggtaca	tcagggggccc	accactgtca	ccctggcagg	tgtccacacc	1080
cccttcggg	atgcctgcac	acatcatctt	ctcggtgact	tccttcctggt	acgcacgtc	1140
tgcattgcac	cgtgtgctgt	caatgacctg	gactgacgcc	tgcagcagta	tgtcagacat	1200
cttccctcca	ttctgcttcg	taaagcccca	tccaatgata	cagagtgggg	tggctggagt	1260
gagctcctca	tcaaagaagg	gcagacagat	gggcctgact	gtgcctgaga	aagtgagtgg	1320
gaactgcagc	ttcatgaggg	cgatgtcatt	gtctttgggg	tacatggggg	tgaattcaat	1380
gatgatgatc	ttggccacag	ccagggatgg	gaagctgccc	agtttgtctg	agcctgcccg	1440
caccttccag	ttgaacacat	cggtatgttt	cctgaagcag	tgggctgccg	tgaggaccca	1500
gtgggggtcc	aggatgctcc	ctccacagac	gtgctgtttg	tcgtactgga	tgtgacctg	1560
ccaaggccaa	gaatccacag	aggcctcttc	cccaccacc	acacgggggg	tcttcaggct	1620
ctccccacag	gcaagacagt	gcagggagac	cagggagcct	gagagacagg	gcccacttga	1680
gttccgcagt	cgaagctcct	ggctgttttc	tgtgatttca	acaacatcca	gatcctggtc	1740
tgggccaatc	tccacagctc	tgaaagtggg	tttgctgctg	tagcccatct	gcctacaggc	1800
tgtctcagcg	agagcttctg	taagtgtctg	aaacaggcag	gaattcctgc	caca	1854

<210> 3789

<211> 1147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(965)

<223> similar to gi4337086 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3789

ggaccattag	tacagtgcgg	tggaattcgc	gcattgggat	ggtgctgggc	gtggccatcc	60
agaagagggc	tgttctctgg	cctgtattgc	gtttgaagaa	gcctatgccc	gggcagacaa	120
ggaggcccct	aggccttgcc	acaagggctc	ctggtgcagc	agcaatcagc	tctgcagaga	180
atgccaaagt	ttcatggcac	acacgatgcc	caagctcaaa	gccttctcca	tgagttctgc	240
ctacaacgca	taccgggctg	tgtatgcggt	ggcccatggc	ctccaccagc	tcctgggctg	300
tgctctgga	gcttgttcca	ggggccgagt	ctaccctctg	cagcttttgg	agcagatcca	360
caaggtgcat	ttccttctac	acaaggacac	tgtggcgttt	aatgacaaca	gagatcccct	420
cagtagctat	aacataattg	cctgggactg	gaatggaccc	aagtggacct	tcacggtcct	480
cggttcctcc	acatgggtctc	cagttcagct	aaacataaat	gagaccaaaa	tccagtggca	540
cggaaaggac	aaccagggtgc	ctaagtctgt	gtgttccagc	gactgtcttg	aagggcacca	600

gcgagtgggtt	acggggtttcc	atcactgctg	ctttgagtgt	gtgccctgtg	gggctgggac	660
cttctctaac	aagagtgcta	cctgggtaag	gacttgccag	agaactacaa	cgaggccaaa	720
tgtgtcacct	tcagcctgct	cttcaacttc	gtgtcctgga	tcgccttctt	caccacggcc	780
agcgtctacg	acggcaagta	cctgcctgcg	gccaacatga	tggctgggct	gagcagcctg	840
agcagcggct	tcggtgggta	ttttctgcct	aagtgtacg	tgatcctctg	ccgcccagac	900
ctcaacagca	cagagcactt	ccaggcctcc	attcaggact	acacgaggcg	ctgcggctcc	960
acctgaccag	tgggtcagca	ggcacggctg	gcagccttct	ctgccctgag	ggtcgaaggt	1020
cgagcaggcc	gggggtgtcc	gggaggtctt	tgggcatcgc	ggtctggggg	tgggacgtgt	1080
aagcgcttgg	gagagcctag	accaggctcc	gggctgccaa	taaagaaaaa	aaatgcgtaa	1140
aaaaaaa						1147

<210> 3790

<211> 2234

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(1379)

<223> similar to gi1524088 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3790

ggtggcacga	ggcgcttcc	accctaagat	gggtcccagc	ttccccagcc	cgaagcctgg	60
cagcgagcgg	ctgtccttcg	tctctgccaa	gcagagcact	gggcaagaca	cagaggcaga	120
gctccaggac	gccacgctgg	ccctccacgg	gctcacggtg	gaggacgagg	gcaactacac	180
ttgcgagttt	gccaccttcc	ccaaggggtc	cgtccgaggg	atgacctggc	tcagagtcac	240
agccaagccc	aagaaccaag	ctgaggccca	gaaggtcacg	ttcagccagg	accctacgac	300
agtggccctc	tgcattctcca	aagagggccg	cccacctgcc	cggatctcct	ggctctcatc	360
cctggactgg	gaagccaaag	agactcaggt	gtcagggacc	ctggccggaa	ctgtcactgt	420
caccagccgc	ttcaccttgg	tgccctcggg	ccgagcagat	ggtgtcacgg	tcacctgcaa	480
agtggagcat	gagagcttcg	aggaaccagc	cctgatacct	gtgacctctt	ctgtacgcta	540
ccctcctgaa	gtgtccatct	ccggctatga	tgacaactgg	tacctcggcc	gtactgatgc	600
caccttgagc	tgtgacgtcc	gcagcaaccc	agagcccacg	ggctatgact	ggagcacgac	660
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ttgatgctgg	cgctcatgc	actgagcagg	aaatgcctcg	ataccatgag	ctgcccacct	1140
tggaagaacg	gtcaggaccc	ttgcaccctg	gagccacaag	cctgggggtcc	cccatcccgg	1200
tgctccagg	gccacctgct	gtggaagacg	tttccttgga	tctagaggat	gaggaggggg	1260
aggaggagga	agagtatctg	gacaagatca	accccatcta	tgatgctctg	tcctatagca	1320
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ctgccatgcg	cctggcgtct	cacatctcac	ctgttgatcc	cttagctttc	ttgccaagga	1440
tctagtcccc	cctgacctct	ggccaggcca	ctgtcagtta	acacatatgc	attccatttg	1500
taaatgtcta	ccttggtggc	tccactatga	cccctaaccc	atgagcccag	agaaattcac	1560
cgtgataatg	gaatcctggc	aaccttatct	catgaggcag	gaggtgggga	aggtgcttct	1620

gcacaacctc	tgatcccaag	gactcctctc	ccagactgtg	accttagacc	atacctctca	1680
cccccaatg	cctcgactcc	cccaaaatca	caaagaagac	cctagaccta	taatttgtct	1740
tcaggtagta	aattcccaat	aggtctgctg	gagtgggcgc	tgagggctcc	ctgctgctca	1800
gacctgagcc	ctccaggcag	caggggtccca	cttaccacct	ccccacctg	ttccccaaag	1860
gtgggaaaga	ggggattccc	cagcccaagg	caggggttttc	ccagcacctt	cctgtaagca	1920
gaagtctcag	ggtccagacc	cttcctgag	ccccacccc	cacccaatt	cctgcctacc	1980
aagcaagcag	ccccagccta	gggtcagaca	gggtgagcct	catacagact	gtgccttgat	2040
ggccccagcc	ttgggagaag	aattttactgt	taacctggaa	gactactgaa	tcattttacc	2100
cttgcccagt	ggaataggac	ctaaacatcc	cccttcgggg	gaaagtgggt	catctgaatt	2160
gggggtagca	attgatactg	ttttgtaaac	tacatttcct	acaaaatatg	aattttatact	2220
ttgaaactcg	tgcc					2234

<210> 3791

<211> 2076

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(843)

<223> similar to gi4929199 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3791

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tgccgacagc	tcggcctggg	ttttgccatc	catgcctaca	aggtgcacca	gacctggtga	180
tgaacgcccc	gctagtgcag	gagacggcct	acttgaggga	ccggccgctc	agccagctgt	240
attgtgcccc	cgaggagaac	tgctctctca	agtctgcgga	tcacatggac	tggccctacg	300
gataccgccc	cctattgcgc	ttctccacac	agatctacaa	tctgggcccg	actgactttc	360
gtccaaagac	tggacgcgat	agctggggtt	ggcaccagt	ccacaggcat	taccacagca	420
ttgaggtctt	caccactac	gacctcctca	ctctcaatgg	ctccaagggt	gctgaggggc	480
acaaggccag	cttctgtctg	gaggacacaa	actgccccac	aggactgcag	cggcgctacg	540
catgtgccaa	ctttggagaa	cagggagtga	ctgtaggctg	ctgggacacc	taccggcatg	600
acattgattg	ccagtgggtg	gatatcacag	atgtgggccc	cgggaattat	atcttccagg	660
tgattgtgaa	ccccactat	gaagtggcag	agtcagattt	ctccaacaat	atgctgcagt	720
gccgctgcaa	gtatgatggg	caccgggtct	ggctgcacaa	ctgccacaca	gggaattcat	780
accagccaa	tgcagaactc	tccctggagc	aggaacagcg	tctcaggaac	aacctcatct	840
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aacctgctca	ggaagccttt	tgatggcaag	atcaccaatc	cagatgggtat	tgctccctca	1020
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gagaagctgg	tggatccaat	cctttcttca	tctgttggtta	tttagaactc	acctctcaca	1380
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tggaaagcaca	gacctcgggc	atcccccttat	tgcttgatgg	gccaacacca	acagttacgg	1500
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caagagtagg	ccaagcagaa	agactgctga	ggtaacacgg	accccagccc	ctgtcagggc	1620
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gataagaaaa	caagtttggc	agagcaagag	acagaagacc	gtggagaaat	cagaaggggg	1860
aacagtcagt	ttagttaagg	atggaacctg	ggaaaggcca	ccattcctgc	ttgatggggc	1920
tctgatttgc	tcttgctcaa	gtggaataaa	accccatggg	cttcttgaca	tgattcttga	1980
tcttttctcc	actgagacac	acttaagtga	tgatccttac	aggactgaca	ccctaagcc	2040
aataaaaagt	gctcattatg	gactgctaca	aagacc			2076

<210> 3792

<211> 1226

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1196)...(466)

<223> similar to gi254449 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3792

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gagggaggag	tttaaaactg	tgcattgggac	caggaggggac	tcaagggtgg	cagtgggtgag	180
tgggagggaa	atacactttt	gggatgactt	cgtcaccctt	gagagagggg	tgtgagttac	240
ccaggggaatg	ggtaggggaag	gtttaaagca	acaccaagg	aaagaaggga	aactcatctc	300
ttgtagtgat	tcaaccctga	gaacagatgg	ggagtggggg	tggctgtccc	ccatggatgg	360
atgaaaggtc	acctaatacag	tagtcaccag	gacatagtg	tggaggcaca	agtggccaag	420
gagtgtcat	ttggtggaga	ctgggaaaag	ggctgttatt	tagtgtctgt	gtagtagagg	480
gagcgcagct	gggtccagaa	gaagaggggag	aggatgggtg	gggggcccag	gcggaagtag	540
gaggcaccta	tacccttgta	catgccaaaa	atgccctcgg	tccgagctgt	ctgcagcaga	600
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caggtagccc	ccagcctcag	ccagcccata	gggtgccag	cggatgccat	tcatcaggaa	1140
ctggtacaag	agggaaagg	acaggccttt	ctgcaggcca	gcaaggccat	ccacctgccg	1200
aggtgataat	caaccgcttt	gcgatc				1226

<210> 3793

<211> 5703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5704)...(3551)

<223> similar to gi3882319 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3793

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ttggcccaag	tccttaaaac	ttttccatat	aaaaataaaa	agtccaagac	cagattatnt	180
ttcttctggt	cataaatgct	gattttattta	caaggtgcct	tgttcagacc	accattttata	240
aacttgggga	taaaatatgt	ggtgtattaa	agcctcagca	tttaattgtc	aggggtcttt	300
gaagattccc	tccaagtggg	taaagaccgt	ttcctgggaa	tgcagcgtct	ctcccccata	360
ggtcaacatg	gttattatat	ctgtaatcta	tccagaatgg	atagaagcta	accttccaag	420
taacactttg	gttttttaac	ttaaatcttt	ttagacatgg	aaaagactcc	aaaatgactt	480
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acagagaatg	cccccttcc	acgctctggt	aagttcttcc	ccagaagggg	gaaaggcagt	1080
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aat						5703

<210> 3794
 <211> 1623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(550)
 <223> similar to gi456757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3794

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ctggggcata	ccgtgaacgt	ggccagccgc	atggacagca	ccggtgtacc	cgaccgcac	420
caggtcacca	cagacatgta	ccaggtgctg	gctgccaaac	cgtaccagct	ggagtgcggg	480
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gctgctgaga	ttttccactt	ggactccaga	gcagcttctg	cctttgctgg	tgggcagcgg	720
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gccaaattct	atattttgta	aattctctat	attagaaaac	agctgtgcac	agcagggcgg	1440
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att						1623

<210> 3795
 <211> 1296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1298)...(516)
 <223> similar to gi2314829 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
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cactgatcaa tatttccaat gtcaacatgt tcacattctt ctgtgttctg taaaactggt 840
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agaactccct ggctcattgg ttgaatcaga cttgtgacat ttggtggcaa atacttcaca 1140
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aaaagaagca ctgctttttc taaaagtccc ttggatttca aatgcttctg tacctgtggc 1260
acaaagtact tttcaaacca ctgtctgaaa acagac 1296
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<210> 3796

<211> 3886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3876)...(644)

<223> similar to gi3334747 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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ggcccccccc tttttttttt ttttgcaaaa tgctcaagt ttttatgca acagactggc 240
catgtactga ggagggggagc gcaggctgag ggctgaggta ggagtgggg tcttcctcct 300
gcagccacca ggcagctgat caccatgtcc aagcgtcatt cctgagacct tcaggtgatg 360
ctcagctccc cagaacagca ggctggatgc atggccagag gagctcggcc agccccgggg 420
ctggtcctga gaggtggctg caggcggggg gggtaagggc ccctcctcca ggcagcagg 480
gacccatagc ccacaccctc cacaagaaag cgggcgtgga cagtgtgttc aaagctgcag 540
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gaggttctcc	ttggagggtca	ggagggggcgg	cagtgtctgg	cagtgcacatgg	gggacactgg	660
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tgtgctgggtc	tttgaaacag	aggctgtgct	ggtggtggga	acggggctgg	gagtagttcc	3840
agaaccgaag	gttgtgtctg	ttgtagcagc	tgagcgcacg	cgtggg		3886

<210> 3797
 <211> 1086
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1087)...(334)
 <223> similar to gi2950237 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3797

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ccaaggggtg	tgggctgcag	tctctggtgg	ccaaggacag	aagagctggg	cccggctgca	180
ggggcctcaa	cagcctcg	ggctcgggag	tccaggctgg	acagacgggc	caggagagct	240
catccaggag	aaggtcactt	cctgggcg	tgcccccttt	tctattgctg	tccaccagg	300
gaggcgtctg	ggtcctggg	ggactggact	tcagttcacc	gtaggcacct	ggctgtggtg	360
caggctgaac	tccttggcct	tgagacggag	gctggcgatg	ctgttggcca	tggtgacccc	420
tggggttg	gggcctgagc	tcccagggt	gtaggggtgg	actgtgctgt	agggggacga	480
ggctgtccag	gagagataat	ctggactcaa	gggcgggtgg	ccggggagcc	cacgggctgc	540
tcgatggcgg	cctccttget	gtaggacttg	agcagcgagg	cagagcgggc	tggccagcat	600
ggccctttca	ttcctgcgga	acttggcg	gcggttctga	aaccagacct	gaacgcgcgc	660
ctcgctgagg	ttgacgcgcc	gggcaagctc	ctcgcgcaca	aaggcgtcgg	ggtagtgcgt	720
gcgctcgaac	acgcgctcca	gcgcctgcag	ttggctgctg	ttgaacgtgg	tgcggttccg	780
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gtccaggagg	tggctcaccg	agaagttctt	gcgcgcctgg	gcgcagtcgc	cgggccccag	1020
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ggccgc						1086

<210> 3798
 <211> 2973
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (901)...(2001)
 <223> similar to gi4079809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3798							
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acctactggg	agagcgatgg	gtcccagtg	caacactggg	tacggcttac	tatgaagaag		180
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aagcgggtgg	tggctctatg	gggtgaaggg	gacaacctga	agaagctgag	tgacgtgagc		300
attgacgaga	ccctcatcgg	ggatgtctgt	gtcctggagg	acatgaccgt	ccacctcccg		360
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gtcaagatca	agtcacttag	acagcgggaa	ctagggttga	atgcagacct	gttccagcca		480
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ctgtcccggc	agcggccagg	cctggtggct	cagtgcctgc	gtgactctga	gagcagcaag		720
cccagcttca	tgccacgcct	atacatcaac	cgcctctctg	ccatggaaca	ccgtgcctgc		780
ccctctcgag	accctgcctg	caagaatgca	gtcttcaccc	aggtatatga	aggcctcaag		840
ccctctgaca	aatatgaaaa	gcccctggac	tacaggtggc	ccatgcgcta	tgaccagtgg		900
tgggagtgt	aattttattg	agaaggcatc	attgaccaag	ggggtggttt	ccgggacagc		960
ctggcagata	tgtcagaaga	gctgtgccc	agctcagcgg	atacccccgt	gcccctgccc		1020
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<210> 3799

<211> 2186
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1484)

<223> similar to gi406738 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3799

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gtccggccac	cgcctcatgc	ttctcagcct	cttcgggctc	gctgcccagc	gacagcggca	180
gcaccagcga	cctcatccgc	gcctaccgcg	cgcagaagga	gcgagacttc	gaggaccct	240
acaacggggc	tggctcgtcg	ctgcgcaaac	tgcgcgccat	gtgccgcctg	gactactgcg	300
gcggcagcgg	ggagccaggc	ggggctccagc	gcgccttctc	ggcctcgtcc	gcgtcggggc	360
ccgcgggctg	ttgctgcgcc	tcctcggggc	cgggggcgcg	cgcgtcctcg	tcctcgtcct	420
ccggctctcc	gcctctctac	cgcagcagca	gcgagcggcg	gcccgcacag	ccggccgagg	480
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cccctggagg	gggctttaag	cctatcaaac	atgggagccc	tgagttctgc	gggatcctag	1140
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caaatgctgg	tgtcttgaga	gtcccggagg	ccccgggggt	cccggcccgc	tggtgtgtat	1980
atgtgtgtct	gtgtgagtgt	gtgtgtgagt	acagatgtga	gaaggtgggtc	acacacagat	2040
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aaaaataagt	ccatttaact	ataaat				2186

<210> 3800

<211> 4308
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (4309)...(2761)

<223> similar to gil054874 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3800

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aaaaccgaat	ctctgaaatg	aaagtccatg	ccagccccag	ctgcagccca	gctccgtttt	180
tgcaggttgt	gctgtgacgc	tcgctggacg	cagggcttgg	aagaggctgc	aggcggcgac	240
gccccaggac	tgaggagtc	ctcagatctt	taacaaagaa	ctgccgcgtg	caggcttcag	300
accaacccca	gccaaagccg	ctggcatgag	gacaggtgca	tgatcggatt	ctgggtcagc	360
ccgcaggcct	cccggctcct	gggctcagcg	gggcaggctt	cagcgttaac	ctggcgctgt	420
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<210> 3801

<211> 2457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(2457)

<223> similar to gi34672 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3801

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attgctaata	cccatttgaa	tcgtgagtc	agccgttccc	atagcgtgtt	caacattaaa	180
ttagttcagg	ctcccttgga	tgcagatgga	gacaatgtct	tacaggaaaa	agaacaaatc	240
actataagtc	agttgtcctt	ggtagatctt	gctggaagtg	aaagaactaa	ccggaccaga	300
gcagaaggga	acagattacg	tgaagctggt	aataattaatc	agtcactaat	gacgctaaga	360
acatgtatgg	atgtcctaag	agagaaccaa	atgtatggaa	ctaacaagat	ggttccatat	420
cgagattcaa	agttaaccca	tctgttcaag	aactactttg	atggggaagg	aaaagtgcgg	480

atgatcgtgt	gtgtgaaccc	caaggctgaa	gattatgaag	aaaacttgca	agtcatgaga	540
tttgcggaag	tgactcaaga	agttgaagta	gcaagacctg	tagacaaggc	aatatgtggt	600
ttaacgcctg	ggaggagata	cagaaaccag	cctcgaggtc	ccacttgga	atgaaccatt	660
ggttactgac	gtgggttttc	agagttttcc	acctttgccg	tcatgcgaaa	ttttggatat	720
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atttgacaat	gctgttttaa	gtaaagaaaa	ccacatgcaa	gggaaactaa	atgaaaagga	900
gaagatgata	tcaggacaga	aattggaaat	agaacgactg	gaaaagaaaa	acaaaacttt	960
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cagattagaa	gccaggttgc	aaggcatggt	gacagaaacg	acaatgaagt	gggagaaaga	1140
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ccaataataa	ccatttttag	aagggtgttt	gaattctgta	tgtatatatt	cactttctga	2400
catttagata	tgccaaaaga	attaaaatca	aaagcactaa	gaaatacaaa	aaaaaaa	2457

<210> 3802

<211> 678

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (679)...(182)

<223> similar to gi4680715 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3802

aggttgagaa	cccaccctcc	cgtgctgcct	cttctccctc	tctctacact	agtaggctca	60
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gctccctggg	gttaaaccatg	cagggtcagg	gggctagcag	gctgagatga	agtcctctc	180
tacttggtct	tcttatcgta	ggtgccagaa	cccttgaac	cactcacata	gcctgtgttg	240

tcagtcacatct	cttcccgtcc	cgcaatgccc	ttgcccttgc	cactctcacc	aaagcgctcc	300
ttgtgggtgc	cgggtgtactt	gctgggtgtct	gtcaaacggt	ccactgcacc	cactgttggt	360
gcttttagtag	cgccagtggt	ggctgggtct	ttgccctcca	tgagtccata	aatgttctcc	420
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tccacgtccg	tggaggtgac	tgtcttgcca	tccatgatgc	cacagtcttt	gcacaggctg	600
ggagaagttc	ttgttggtca	tttcagtgcc	actgcttgat	gattctccaa	acgcagcaaa	660
ccgatggaat	gttttttc					678

<210> 3803
 <211> 1042
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> similar to gi968973 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3803						
cccttttcat	cctccagtgt	ctcctcaaaa	ggatcagatc	cctttggaac	cttagatccc	60
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gtaaaagtac	acctgtaagc	cagcttggtt	ccgcagactt	tcccagagcc	cccgatccat	180
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cgtttagtg	aaaagaccca	tttgtccctt	cctctgcagc	taaaccttct	aaggcctctg	300
cctcgggctt	tgcagacttc	acctctgtaa	gttgagtcct	ccgcctccgg	gccacccccc	360
tcccttccgc	ttgcagcttc	cctgggattt	ttgtctcctt	ttaaaggcaa	acctcccagc	420
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acttctgtaa	gaaaaacagt	ttctcaataa	aaaaaaaaag	agccgcagtt	tggatgctct	540
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aaaaaaattc	caaattgtaa	cc				1042

<210> 3804
 <211> 6839
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4914)

<223> similar to gi3043588 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3804

ctccagaagg	tttttgttgc	atthagagaa	tttaatctgt	ctgaaagcaa	agtttgtgaa	60
ctgcagttgc	cggatatcaa	tctcgtgaat	gaccagaaga	aattagtatc	ttcagatctt	120
tggagaattg	tcttgaacag	cagtcaaaat	ggagctgatg	accaaagctc	tgcaagtgag	180
tctggttctc	aaagcacttg	tgatccactt	gtgactccaa	cagccctggc	tgccgtgacc	240
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<210> 3806

<211> 1602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(883)

<223> similar to gi786117 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3806

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gaagtatctg	tttctcctag	agcttcaaaa	catcattatt	caagatcacg	atcaagggtca	240
agagaaagaa	aacgaaagtc	agataatgaa	ggaagaaaac	acaggagccg	gagcagaagc	300
aaagagggaa	gaagacatga	atccaaagat	aaatcctcta	agaaacataa	gtctgaggaa	360
cataatgaca	aagaacattc	ttctgataaa	ggaagagagc	gactaaattc	atctgaaaaat	420

ggtgaggaca	ggcacaacg	caaagaaaga	aagtcacaa	gaggcagaag	tcactcaaga	480
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<210> 3807

<211> 2255.

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1283)

<223> similar to gi4689229 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3807

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ctgatttaga	tgtaaaggat	aactccttta	gccgatcacg	gagttcaagt	gtaacaagca	180
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agacggactc	gtcccccttcc	ccttgtctgt	gggttggaac	aacgctagga	acagtgcctg	300
tcattgcact	gaaccttccc	ccagggggag	agcaaagact	tcttcagcca	gtaattgtgt	360
ctccaagtgg	tactatattg	aggttaaaag	gtgcaatctt	gagaatggca	tttctggata	420
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gagaatcgtc	ctcaggaaag	gcttcaagga	gccttgcaca	gcatattcct	ggccctgggt	1080
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<210> 3808

<211> 1310

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (92)...(571)

<223> similar to gi457883 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3808

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cacgcacccg	ctgcacggag	ggcactcctc	gctaacggcc	gccgcggctg	ctggcgccac	120
accgccctcc	ctggacggag	acccccctta	cccctacggc	tttatgctcc	ctaacgaccc	180
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gtccgaagag	ctgctgagcc	acttgccggc	ccatacggca	tttcccggga	cagacaaact	300
gctgtcgggc	taccccagct	cgctgtctct	ggccagcgct	gccgcggccg	ccatggcttg	360
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cacaatttgt	cagctctgat	ttcaaattgc	aattattttt	aagggtgtata	ccatcgaaga	1260
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<210> 3809

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (499)...(261)

<223> similar to gi927637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3809

tttttttttt	tttgggtttc	tacacaggtt	tatttgtgca	aagttagagg	ggtaatgggtg	60
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agatgctggg	acctgatcag	gagtggggtc	acatgctggg	tgctaaggct	gggctgggta	180
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ctcaggctct	gatttttact	tccctcacca	ggttcagcag	tttgtccagt	ttcgcaatct	300
ccacagctgg	acccttctgc	acctcctgcc	ccttcttttc	ctttggcatc	ttgcgcaaatt	360
tgggtgagag	cttgaggctg	atgatgtgcc	cacggtcac	gccacaaatg	atgatgggggt	420
ggatgagatt	gaactgcacg	tgggtgagcc	tgttcttttt	ggccgccaca	ggctggggtg	480
gcagatggcc	tcataacct					498

<210> 3810

<211> 1673

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (227)...(1673)

<223> similar to gill136404 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3810

ttcccgtgcc	tggggagtga	gagaaggctt	tagagaggat	gtagcatttg	actagtctta	60
aaagagtaga	attttgccaa	gcagagaagg	ttatgtccca	tatcaagggc	aggagattca	120

aatcagtggg	tgtgggtattg	agaagtctct	gatgagcaca	cccaggctgg	agaggggggtc	180
cttccccact	ggcagcaacc	tcaccacatc	cctgtggctc	tgcatgcagg	gaggccagac	240
tgcgctgatg	ctgggagtc	gccacgacag	ggaggacatg	gttcaagcgc	tgcttagctg	300
ccaggcagat	gtcaatctgc	aggaccacga	tggatcctcg	gccctcatgc	tggcctgtca	360
ccatggcaac	gtggacctgg	tgcggctgct	cctggcacac	ccagcctgcg	acagcagcct	420
gactgacaag	gtgggccgca	cagctttgtc	catcgctctg	aagtcaccca	cccatatgga	480
aattgctggg	cttctgagag	cccacgcgga	gcagggcgagg	tccctggggc	tgtaggggct	540
gcagaagaac	tggccgtggg	gaacaaaagc	cttcttctct	ggactcctcc	ctcgcccttg	600
aagagggcag	aggctcacagg	ccagagagcc	acccttctag	agaagaaact	atgtcaaata	660
tgacataca	ttctgttgt	ataattctgc	tcattaggat	gctttgtagt	ttttgcctta	720
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atatgtccca	ttgatatgca	tgtctataga	tgggagggga	tttaagccaa	ccccctggca	1020
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catttgggag	ctttgtttcg	atgggggttg	cagagaaatc	ttaaaatctg	acagggtaga	1140
agaagcactt	tggcatcaat	gccatagtga	cagtcttgac	tatttctgag	tcattctagt	1200
gctccaattt	gctccaggga	aattggaatt	aattaagaaa	tttattatct	agtaagttgc	1260
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gagtcagatt	ctctcagcta	ttttgagtct	gtggaagaaa	caaaaaaaag	cttcctcctg	1380
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ttcccggtgc	tttccctca	tatcccttag	aagcaaatat	ctgttctgag	gttttttggg	1500
acttctggct	gcaataggag	caagggaccc	aggcagggca	gagcaatacc	ttccgaagct	1560
tccatattcc	ctggggccag	cacatgcaag	gtttatatgg	tcagtagctc	acgtgaagtc	1620
atctgaatct	ttcttaaate	tgctctctta	aaatctctta	tgcaaaaaaa	aaa	1673

<210> 3811

<211> 604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (607)...(135)

<223> similar to gil89049 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3811

aacctcaaat	gttttaattg	tgggatctta	ttcactgtgt	acaggattct	ctaaagagac	60
cacctggctg	ggtgctcaaa	ccacacgggc	tgacccaaaa	gacacaaaaa	ccaagagttg	120
ctcggggaggc	actaaatgtt	gacggctctt	gccagcttca	catcctcaat	ttcagcagac	180
agccagcagt	aagtgtgatg	aagccgcagc	acctcaatgg	ccttgagttc	cagtgggtgt	240
gcctgaatac	caaggtcttc	taagctgggc	agggtgagaca	aggatcatgtc	tgtgatgtga	300
atacgctcca	ctttatccct	tggtgtccag	gactcaaatg	ggcttatttc	aaagtcttct	360
tgctacccac	tgataggcca	aaaggtggca	agggggtacg	ggaggaagta	ccccttttgg	420
ctgtgagcca	cagcaaagat	gtacttcacc	aggatcaaga	ggagatatcg	atttggccca	480
acgaaaagca	aggttttccc	attggcatca	ggatccttaa	ctgcattagc	aattcctttg	540
gatacatcta	cgacgtatac	tggttggtta	actgccttcc	agcccaagga	aacaaggggt	600
atag						604

```

<210> 3812
<211> 1180
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(650)
<223> similar to gi193367 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3812
agcagctggt gcggaaggcg gccagcctgt tgctaccttc tctccaatga aggcaccatc      60
tcaactgcctt gccagacatt ttaccaagtc tgccatgaaa cagtaggaaa gtttatccag      120
tatggcattc ttacagtggc agagcacgat gaccaggaag atatcagtc tagtcttgct      180
gagcagcagt gggacaagaa gcttcctgaa cctttgtctt ggagaagtga tgaagaagat      240
gaagacagtg actttgggga ggaacagcga gattgctacc tgaagggtgag ccaatccaag      300
gagcaccagc agttttatcac cttcttacag agactccttg ggcctttgct ggaggcctac      360
agctctgctg ccatctttgt tcacaacttc agtggctcctg ttccagaacc tgagtatctg      420
caaaagttgc acaaatacct aataaccaga acagaaagaa atgttgagc atagtctgag      480
agtgccacat attgtcttgt gaagaatgct gtgaaaatgt ttaaggatat tgggggtttc      540
aaggagacca aacaaaagag agtgtctgtt ttagaactga gcagcacttt tctacctcaa      600
tgcaaccgac aaaaacttct agaatatatt ctgagttttg tgggtgctgta ggtaacgtgt      660
ggcactgctg gcaaatagag gtcattgagat gagttccttg taggtaccag cttctggctc      720
aagagttgaa ggtgccgtcg cagggtcagg cctgccctgt cccgaagtga tctcctggaa      780
gacaagtgcc ttctccctcc atggatctgt gatcttccca gctctgcac aacacagcag      840
cctgcagata acacttgggg ggacctcagc ctctattcgc aactcataat cctagacta      900
caagatgaaa tctcaataaa ttatttttga gtttattaaa gattgacatt ttaagtacaa      960
cttttaagga ctaattactg tgatggacac agaaatgtag ctgtgttctg ggaactgaat     1020
cttacatggt attattagtt gctggctggg taatttgttt ggtatattat ctgggttagtg     1080
gttaatgctt cctttaaaaa taattgagtc atccattcac tctttttcag ttttatctgt     1140
caatagtagc tacattttta atggcagcac caccaatata      1180

```

```

<210> 3813
<211> 415
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (418)...(68)
<223> similar to gi887899 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3813
ctcgtggtga aggcctttttg gcactgatga cattcatgca tttttctccc gtcgtacatg      60
ctcatgtgct gagtgagggtg cggcctgccc ttgaacgcta ccccatagtc gcggcggtga      120
tagggcctct tgccagcgtg ctttcccatt ggctgagtga gatgagggtc catgccaaag      180
acttcgaaca agtgagcgtg ttcagtggac ttctctccaa gaccggctct ttccatcgtc      240
acaccactgg gcgtttcctt cccaaaaata tcttccataa gaagtgacca cttgggtttta      300
gatggagtct cccaatctgc acaagcgccc tggtgagcgc ccctctctc tgtcctcggc      360
tcctcctcct gctccaagtg tgagatgagg ctgggtttgc cgacctgata cccca      415

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```

<210> 3814
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (53)...(607)
<223> similar to gi3493211 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3814
gcggccgcgg agtggcctac cggggaccct cccccagagg aaccgtgccc tgggcgggga      60
gatgaacggc ttcaagcacg gaggaaggac agccggggag gggcccccgc cggcccaagc      120
tgcgccggcc ccgggctacg gccaaagagct gctgcctcaa tcgaggacgg cgagcgctgc      180
gtccggcccg cgggcaacgc ctcttcagc aagaggggtc aggaagagca tctcgagaa      240
gaaactcaag ctggacatcg acaagagcgt aaggcaccta tatatctgtg attttcacaa      300
aaatttcac cagagtgtcc gaaataaaag gaagaggaag acaagtgacg atggcggaga      360
ttctcccag cagcactg acattcctga ggttgatctg ttccagctgc aggtgaacac      420
cctacgacgt tataaacgac actacaagtt gcagaccaga ccaggcttca ataaggccca      480
gttagcagaa actgtgagtc gacacttcag gaacatacct gtgaatgaaa aagagaccct      540
tgctacttc atctacatgg tgaagagtaa caagagtaga ctggaccaga aatcgagggg      600
tggcaagcag cttgagttag gatgaagcac atcttaaagg aatgaagtgt aatgcttgat      660
gcacaggtga tatctactac atttaagccc ataaagactg ttaaataatta ttgtaaataa      720
aaaagtgtga atgatgaaaa aaaaaa      746

```

```

<210> 3815
<211> 1419
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(573)
<223> similar to gi5262557 in the genepept database release 114,

```


Run with FASTXY 3.3t00, default parameters

<400> 3815

aatagtttca	ccagtagttc	cgagtttgtt	atacatcaga	gaatccacac	tggggagaaa	60
ccgtatgagt	gtaatgagtg	tggcaaagct	tttggttgta	attcaccctt	acttcggcat	120
cagaaaatcc	acactggaga	gaaaccctat	gagtgtaatg	agtgtggcaa	aagcttttga	180
aggacttccc	atctaagcca	acatcagcgt	attcacacag	gggaaaagcc	ttattcttgt	240
aaagtatgtg	gacaagcctt	caattttcat	acaaaactaa	ctcggcacca	gagaattcac	300
agtgaggaga	aaccctttga	ctgggtgtaga	ttgtggaaaa	gccttcagtg	ctcaggaaca	360
attaaaaagg	catctgagaa	ttcatactca	ggagtcttcc	tatgtatgtg	atgagtgtgg	420
aaaagccttg	actagcaaaa	gaaatcttca	tcagcatcaa	agaatccata	ctggagagaa	480
accctatgag	tgtagcaagt	atgagaaggc	ctttgggact	tcttccccag	ctaggtcacc	540
ttgagcatgt	ctactctgga	gagaagcctg	tgctggacat	ttgtcgtttt	ggcctcccag	600
aattttttac	ccccttttac	tggtaatagt	acactccagt	gaaatgtact	gagtggattc	660
cgtctttctac	tcaggaatgg	aatgtgtgac	acaggcctga	ctcagcctct	gatccatccc	720
tcaagccaca	gttaatgatt	cagatgtcag	tagatgacca	aagatggttc	aattagagtc	780
ccaggattgc	aagagctaata	aggaacaaat	actctcccc	cgcccacccc	cattgggtttt	840
aatgctgaga	agaagaacta	gactcttaca	gaggtgagaa	tgaagtccac	acagcaaaaa	900
tgcactcgag	aattggagag	cagtaaaaaga	ctgaagataa	tgtttgaaca	gccacataca	960
ccatgcctga	agctaaaaat	atatacgggt	ttttgaattg	cagcagccaa	taaattccat	1020
ttttgtttgg	ttggttttgg	ctttggcaca	cctgagttag	gttttcttgc	cttggaacag	1080
aattttgact	taaacagtgt	tgctattgta	gcagttgttt	gaagttttca	gggataacat	1140
acctgatgga	gaaatgtttt	gtgtgtatga	tataagggaa	agtctttagt	tatagtcatg	1200
gcagctcctc	aaccccatga	ttgtgatgag	attgggaagc	ccactgtaac	actggagagc	1260
ccaggttata	tcagacacca	ctagtagata	gaagttctaa	caacttgagc	tctgtaacaa	1320
aaatctcatt	gtactacaaa	attatgtctg	caccagtga	tccattctca	agaaaagtct	1380
taactaggaa	actaaaagct	ttcactctta	aaaaaaaaa			1419

<210> 3816

<211> 4917

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4918)...(0)

<223> similar to gill136426 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3816

tttttttttt	ttatactaaa	agaataaaga	tttttattaa	gcattgtaag	ttgcattcaa	60
tagccttcag	atacaccaca	ccacaatcca	tcgacagtca	atcaaaccce	acagcagttc	120
attccttgac	aatccatgag	ttagggcaaa	actcccttca	acttacagta	agatcctact	180
tagctcttgc	gggcaggggt	tggggaatta	cacctcattt	ctgatcacta	atgtgatgaa	240
gagcatcaga	agtatatgaa	aacgataaga	agtgattctg	atttcaaagt	acattgtttg	300
gaaacattaa	caaaaacatc	aaaatgatag	aagtatacct	gcttctacta	aattcttgat	360
gggaaagttc	tcaagaacaa	gcaatttgtt	tcctgctaca	gaaggggggg	gtgggttttt	420

ttttttaaga	tcaaaggggt	ttttttcaca	gaatttcata	tttgctaata	tgaaggcata	480
aaacagcaac	aaagaacaat	aatgcataca	gcagtgaata	caccagggta	atggtgatat	540
tcgaaacggc	tagataat	ttggggggct	ttagaataaa	tgcaacagag	gtcaataatc	600
acaaaat	aaggttagag	caagatcagt	caatgactaa	acagagttaa	catcttttat	660
aggactatta	ctgattatta	gcatttttgt	tttgcaaatg	ggcacatact	gttaagaatg	720
gaagaaagga	cgataacatg	catattaact	acacacttta	aaaattatga	accatgcaga	780
agtttagctc	aagtagtagt	actaatgggtc	tacatccgat	tcaaaaccac	atagttcatt	840
gatcacagat	gcattggtatt	agtcacgaaa	gtttcagaac	acatttgtgt	gattttgaaa	900
ggtcatttgc	atcttctatg	atttcaactt	tatctccatt	taacttgctt	gtaaagtatg	960
tatgatgtat	tgtatattta	aaatcagcag	aacggcaata	ttactctata	atTTTTtagt	1020
tttgatagtt	gcactttttt	tttttaacac	aaaagaacca	catcaacagt	gatgaaat	1080
aagaaagaaa	aactgtgggt	gtgccttatt	tctttcataa	tcataaaaaat	caaagcctta	1140
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caaagtctaa	aaattatatt	ttaagctata	tatacttaaa	gactgccaaa	atTTgttttc	1260
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taactgcagg	ctctctttct	ctccagatat	tcctaaatcc	ttacccttcc	agcatccttc	1560
accctctata	aaaaataagt	ttactcttct	ttatttaaga	cagctgcctc	cagagcagct	1620
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tcacagaggt	caatgagtgg	ggtcttttcc	cggctggctt	tgaggagt	ggattggaag	2520
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cggttcttgt	cctctaccgc	cttaccaca	cacagcctct	tcaggttggg	gcaggtccac	2940
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gccattctct	taatgatcac	tggtgaaaat	tctggtggaa	gtctgttctt	tctaaaagca	3060
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gtcatacgca	accaagccat	ggaaaccatt	ctctctgcag	aaaccaatca	cttctctgatg	4440
gtgatcctca	atgctctgtg	caaccttgac	gtggaagcgg	atgagcgcca	ggcggatgca	4500
gtgggccatg	cagacgggcg	gcaggaacca	gacctttggc	ggcgggggtgc	ccttgttctg	4560
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gaccagtcg	gtgtagaagc	cgccgtagag	gcggtgcagg	cagttgtcgg	cgtccaccag	4800
caggcgacg	ggggtctgcg	ggggccgctg	ccgcccgccg	cccaccaggc	tgccccgggc	4860
cagcttctgc	agctccaccg	gcaccacggc	gctcgggcag	tgcttctcga	tgtagtc	4917

<210> 3817

<211> 2141

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2107)...(1635)

<223> similar to gi5824799 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3817

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gggggaaaaa	agaagcaaaa	agcccaaaga	aaaaaacatt	ttatattcat	ctgtataaac	180
atatccgcta	aggcaaacgc	aatccgggtc	cgaggctgct	gcgctgggct	cggtgccctcc	240
taatttctgc	agattctaag	gccaaaaaat	aaaacctctg	caagtccgcg	tagcttccag	300
gactcctggg	catttttacta	aaataaagag	ttatcgagtt	taaaaagcag	tgacgtcggt	360
atgacacaca	ctgaaagttg	cataactgtg	gcctcgaggg	ccactcactt	gtttggactg	420
agtgatggtc	acagttttcac	gacacagcaa	cagacaccac	acacaggcac	acgcatgtca	480
gcaagcacgt	gggaagctgt	ggcagaaccc	ggccgggtggc	ctgggcctga	ccacggcctg	540
tctgggtgcag	ggcaccaggg	tgtaggggtc	cccätgcttc	ctcagggggg	gggcatgaca	600
ggcaggtcgc	tggtgacaag	gcagtggacg	tcacttgggg	aaggatggcg	ggagaggggt	660
ggacaggccc	ccgctgcccc	ccgcctggcg	catgcaaaca	cacttaaagc	acttctcgga	720
ggcttctcgg	agaatcaagg	cgaagcgctc	gtctccttcc	ctaggaaggt	gccaattctt	780
cctcccgcgc	cactctctcc	agagccccga	gacctcagg	gtgttctggc	tgggggtgct	840
aagcagcggt	gtctccgacc	cccagagcct	tccctgcccc	tgatcccacg	gcatgcccg	900
caggggggtg	gcctgtgagg	tagattggca	cagctgcccc	cacaccctgc	ctggctgggc	960
cccagagatc	tggggttctc	caagtcagca	tgggggtgctg	ggggcctgcc	cgggtccctt	1020
caccagaaca	gaagctcccc	acccctctc	ccatttcagt	agatggaaga	cgagaggag	1080
gaaaaggccc	tggggagggg	tcccctcg	cctccaatta	gccccttggg	tcccactctg	1140

tgggggcagc	cctgattcta	tctcttctgc	cgtctcccag	cctgggaagg	ggctggcagg	1200
gggccccagg	ggcgggtgcg	cctgctggag	gagggcagg	gttcccgggt	tggggggaca	1260
gggatgtgtg	gagggcaggc	ggcaggcaca	tggggctggg	agggacctag	ggccaggagc	1320
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cccccgctac	ttaaagggtg	actgcagctc	cttgaggcc	gctttccgct	gcttcacctc	1680
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cccgcccgcc	gccttgcgga	agatcaggag	gaactcccgg	aagctcagct	tgctgtcaaa	1920
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tttctccatc	atgagtttta	gtcccatcag	gtcgatgaag	ccgtcccggc	ccggcatcat	2040
actgcttgaa	catcttctcc	atgtccttga	tctgcttcct	ggagaactcc	ttgaactcgg	2100
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<210> 3818

<211> 1895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1660)

<223> similar to gi510717 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3818

agctgcaaca	cttgaaggct	ggaaactgta	ccatgaccct	aatgttaatg	gaggaacaga	60
attagaacct	gttgaaggga	atccatatag	acgcatttgg	aaaataagtt	gctggagaat	120
ggcagaagat	gagcttttta	atagatacga	gagagcaatt	tatgcagctt	taagtgggaa	180
tcttaagcag	ctgcttcctg	tctgtgacac	ctgggaagac	acagtttggg	cctacttccg	240
ggtgatggtg	gacagtctgg	tagaacagga	gatccagaca	tcagttagcaa	ctctggatga	300
aactgaagaa	ctccctagag	aatatctggg	agcaaactgg	acgttagaaa	aggtttttga	360
ggaacttcaa	gctactgaca	aaaagagagt	tctggaagag	aatcaagaac	attatcatat	420
agttcaaaa	tttcttatcc	tgggagacat	tgatggtttg	atggatgagt	ttagcaaattg	480
gctttccaaa	agcagaaaca	atctacctgg	acacctgctt	cgctttatga	ctcaccttat	540
tttgtttttc	cgtactctgg	gactacagac	caaggaggaa	gtttctattg	aagtttttaa	600
gacatacata	cagcttttaa	taagagagaa	acatacaaat	cttatagcat	tttatacctg	660
tcatttgcct	caagacctag	ctgttgccca	gtatgcatta	tttttgga	gtgttacaga	720
atttgaacag	cgccaccatt	gcctggagtt	ggctaaagaa	gcagatttgg	atgttgcaac	780
aataacaaaa	actgtagt	agaatattcg	aaagaaagat	aatggtgaat	ttagtcatca	840
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tgctttgata	cctcaaccaa	cttttactga	taaagtggct	catgaacaca	aagaaaagaa	1260
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tatcgtgccc	ctttcaacat	gtagggatat	cagcgtttct	ctgtgtgctt	gttaataaaa	1860
ctatataaaa	attaaaattt	tctgttttta	caaaa			1895

<210> 3819

<211> 4134

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4136)...(639)

<223> similar to gil504026 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3819

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ggtgttctgg	aaaagggagt	ccagggccag	tattcaggcc	ctgctgtact	gcaccctgga	180
aactgcacca	aaccccagct	ccgcccccat	ccacggctcc	cagaatggtt	tctggagtcc	240
ctgcaacaga	cctgtgagga	gagggcaggg	cagggcctgc	ctcctgcgtc	cccgtgatga	300
cctgggggat	gcaactggga	gggacagctt	cctccatcca	cacagccctg	tgggcaccaa	360
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gaggaggcgc	ccgctggtgg	gacgtcgaag	tccaggcgct	ctcggcagcg	accccaggac	540
ggcgcaccta	agctatgccg	tggtgcaggg	gacgtgctgg	agggacagga	gcaggcgaga	600
gagaagccac	ctgtggtccc	agccccaccc	cagctcacac	gaattccggc	tgcctttccc	660
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gcacgttgtt	ggactgggtg	gtgttgaaac	ctgagagctg	ctggggccggg	ccgtcctcgt	780
ccccgtcccc	gtcctcccg	gctgtggcct	ccagctgctc	ctcactgccg	ctgtggctgc	840
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cgttggaac	aactcgggat	tctctgcacc	cgcccgccgc	cgctcctgc	agcgggtaga	1020
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acacggtggc	ctcggtgggc	cgtggccgaa	gcagcgtggg	cccgaacacg	atgccaggt	1260
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<210> 3820
 <211> 1849
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1308)

<223> similar to gil770478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3820
atgtcgctca tggtcgtcag catggcggtg gttgggttgt tcttggtcca gagggccggt      60
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cgaggaggac acgtgactct tcggtgtcac tatcgtcata ggtttaacaa tttcatgcta      180
tacaaagaag acagaatcca cattcccac ttccatggca gaattattcca ggagagcttc      240
aacatgagcc ctgtgaccac agcacatgca gggaaactaca catgtcgggg ttcacaccca      300
cactccccca ctgggtgggc ggcacccagc aaccccggtg tgatcatggt cacaggaaac      360
cacagaaaac cttccctcct ggctcaccca ggtcccctgg tgaaatcagg agagagagtc      420
atcctgcaat gttggtcaga tatcatgttt gaacacttct ttctgcacaa agaggggatc      480
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ccatacgagt ggtcaaactc gagtgaccca ctgcttggtt ctgtcacagg aaacccttca      960
aatagtggc cttcacccac tgaaccaagc tccgaaaccg gtaaccccag acacctgcat     1020
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catcgctggt gctccaacaa taaaaaatgc tgcggtaatg gaccaagagt ctgcaggaaa     1140
cagaacagcg aatagcggag actctgatga acaagaccct caggaggtga catacacaca     1200
gttgaatcac tgcgttttca cacagagaaa aatcactcgc ctttctcaga ggcccaagac     1260
acccccaaac gatatcatcg tgtacacgga acttccaaat gctgagtcca gatccaaagt     1320
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cccacagttc tccatttcac ttgacccctg cccacctctc caacctaaact ggcttacttc     1620
ctagtctact tgaggctgca atcacactga ggaactcaca attccaaaca tacaagaggc     1680
tccctcttaa cgcagcactt agacacgtgt tgttccacct tccctcatgc tgttccacct     1740
cccctcagac tagcttttcag tcttctgtca gcagtaaaac ttatatattt tttaaaataa     1800
cttcaatgta gttttccatc cttcaaataa acatgtctgc ccccatggt      1849

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<210> 3821

<211> 1021

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (321)...(87)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3821
cggacgcgtg ggctccgaga actcagcccc gacatcgccc acctggcctc gctcaagacg      60
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ctcaaggaga tcaatttccg tgggaacaag ctgagggaca agcgctgga gaagatggtc      180
agcggctgcc agaccagatc catcctggag tacctgcgcg tcggaggccg tggtagcggg      240
aagggcaagg gccgtgccga gggctcggag aaggaagaga gccggaggaa gaggagggag      300
aggaagcaga ggcgggaagg tggatgatgg gaggagcagg acgtgggaga tgccggccgg      360
ctgctgctca gggctcctgca cgtctctgaa aaccccgctac ctctgacagt cagagtgagc      420
cccaggtcc gggatgtgag gccctacatt gtggggggccg tggtagcagg catggacctg      480
cagccaggga atgactcaa gcgcttcttc acctcgaga ccaagctcca cgaagatctc      540
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aagaagcggc agagtgtgtc gggcctgcac agataccttc acttgctgga tggaaatgaa      780
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accagtctgc agatttgcaa ggatgtcatg gatgccctca ttctgaaaat ggcagaaatg      960
aaaaagtaca ctttagaaaa taaagaggaa ggatcactct cagatactga agccgatgca    1020
g                                           1021

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```

<210> 3822
<211> 1666
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1062)
<223> similar to gi2648019 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3822
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gaagaggagg aggaagatct ggtgttgacc tgtgaggatg atgaagatga agaactaggg      180
ggtagctcca ggggttccagt ggggggaggg cctgaggcta ccctcagcat aagtgatgtc      240
cgtaccctga gtgagcccc agacaagggg gaggagcagg tcaacttctg tgagtcctcc      300
aatgactttg gcccatatga gggtaggggt cctgtggcag gtcttgatga ctgagggggg      360
ccaactccct cttcctatgc cccctccac cctcctcgac cgctccttcc cttggacatg      420
cagggcaacc agatcctggg tcttcccgtc gtcgtcttca tctcctcct cacaggetcc      480
tgccaacca ccagggaacc aagcagaaca cggggcagtg accgtggggg gcacgtcggg      540
ggggagcctg ggtgtgccgg gtagcgttgg tggggtccct ggagggactg gcagtgggga      600
cggaataag atctttctgt gccattgtgg gaaggccttc tcccacaaga gcatgcggga      660
ccggcacgtg aacatgcacc tcaatctgag gccgtttgac tgccccgtgt gcaacaaaaa      720
gttcaagatg aagcaccatc tgactgagca catgaagacg cacacaggtc tcaagcccta      780
cgagtgcgga gtctgcgcca agaagttcat gtggcgagac agcttcatgc gccaccgagg      840
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cacggggcca tccttgccgt ccaagagaga gtctcccga gtgggcgggg gcagcggcga      960
cgaagcgagt gcggccacgc ccccgctccag cagacgtgtc tgggtccccc ccagagtcca    1020
caaggtggag atgggcttcg gtggaggtgg aggagcaaac tgaaggggca ggctactggg    1080

```


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aggggaacca	cagtttcacc	atcgcccgcc	cattctacta	ctcaaccctt	ccccccaag	1260
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atttctaccc	tgtctctccc	cgccaccccc	gacttcccgt	ggaaattccc	aactcgggtc	1560
tcatggagga	gtgggtggag	acaaggagg	agtaagtcgt	aggagtacaa	ggtttttatt	1620
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<210> 3823

<211> 5527

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4766)

<223> similar to gi5001398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3823

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<210> 3824

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(494)

<223> similar to gi2623162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<210> 3825

<211> 1296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1255)...(449)

<223> similar to gi3327046 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3825

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gcccacccct	aggcatccgg	aaaagccctg	cttccagggc	tcccctctac	ccctgctttc	180
caacaggctc	tgacctccag	acagacgggt	caaagttaca	agtgttttag	gccctccctt	240
gagttccccc	aggcccatcc	cttgccgaga	attcaggggc	cacctggaca	aacctcttgc	300
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<210> 3826

<211> 6140

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3443)

<223> similar to gi5689387 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3826

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tcttagttac	tgggtgtatgg	cctgtgggtt	acctgaactc	cataatctgg	gactttttta	3900

aaataagaac	cagctcaagt	acatggtttc	atactggggt	ttctgtctcc	ctagtgttcc	3960
catccagatt	accatgagtg	ctttgggtga	cttcaaacct	gtgtgtcaat	gcagaagggtc	4020
tggagacagc	ttcattttgt	ttattttatt	taatttggtt	tgcatatagg	ttttgtgac	4080
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gggagatcat	gcctaaaagt	aatatattca	aaaccaccca	gcagtaggtt	ttgttaacaa	4260
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ttttatacag	aaggcagtc	agctcaactc	agagccatgg	aggcaagtac	cttaattagt	4380
tttatatagt	cacaacggaa	atataatttc	tagtgaattc	ttattggaag	ccaggtctct	4440
cctctcatta	gatcaaaagg	gacttatgta	catacaacaa	ttgaaagtgt	ttgctcatga	4500
aatcagttat	aaatatggtg	aattttttct	ggaccatagg	aatattattt	caaagaaata	4560
ttacaactta	accattaaat	tagtacttga	agttgagcct	ttgtgggtggg	actttttaaa	4620
aaaatgcctt	tttaagcat	taatggctaa	ttgaagtatt	ttatgactcc	tcattcctgg	4680
cccagagggt	tgtctttgaa	accctgtttc	taacccttgt	gttgtgtgtt	tctgtctgag	4740
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tattaacaaa	aaaggaaaaa	tgtataaatt	gatatgattt	tgtaaaagta	tttttcttga	4920
aataatctaa	agtttaaaac	attatattaa	aaaaaaagt	gtgtgggtggg	aatgtgaaag	4980
cagagaaata	acttgtaaat	ggataatttt	gttctctgta	ccaccagttg	aagggggggg	5040
tgactttcgc	aatgtatagg	ataaaaaatc	tgatataatc	aaccatttgt	atctaagtgt	5100
tacagtgtaa	aattgacttt	aaaaatattg	cagtgtctatt	ttttcttaat	cagaaaggaa	5160
aattctcaag	gccttttgaa	gagcataaga	agatgaagat	tgtaaaactg	tataaaatta	5220
tcttggtgag	aagacaaatt	gtaaagtaga	tatttgtaat	cttttaccac	tttgggggtg	5280
cttttttccc	ggaattcatc	agaactttga	attttttttt	taaatgggct	gttttttaatg	5340
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ataaaaaacc	cctacaaaaa	aacttttaaa	aaaatggcag	caaagggtag	ttttcatctg	5460
gtgtctttta	tttaagtttt	ttaagttaag	aaaagctggg	gacatattta	tacgtttttg	5520
tgcaaaaaata	aatgaatggc	aatagatttt	aaaaaatctt	attatgtact	tctgtgtgaa	5580
aaagtctgta	taataatttc	cttaaatatg	cattatttta	cttgtgagtt	ttttactgaa	5640
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cttttttcc	tcaagcattt	tgcaagtggc	ttcttttata	tatagcaaac	aatttgaaag	5940
aatacaaaaa	tatgtgaagt	tcattttaaa	aaataactac	agtatagcgc	tggtacagta	6000
cactaaaaga	ctttgataaa	aagaaacaat	aataaaaggc	ctccatttta	aatgtcattc	6060
atatatacct	tgtggatgag	agctatatac	ttttacacac	tttttttagag	gaataaatta	6120
ttgaattact	aaaaaaaaaa					6140

<210> 3827

<211> 1705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> similar to gi2289790 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3827

ggacagtcct	tccgggtacat	tctctatgag	accagcatca	cctcgtctgg	catcctcaat	60
ggccacgtgc	atgatcgggg	gcaggtgttt	gtgaacacag	tatccatagg	attcttggac	120
tacaagacaa	cgaagattgc	tgtccccctg	atccagggtt	acaccgtgct	gaggatcttg	180
gtggagaatc	gtgggcgagt	caactatggg	gagaatattg	atgaccagcg	caaaggctta	240
attggaaatc	tctatctgaa	tgattcaccc	ctgaaaaact	tcagaatcta	tagcctggat	300
atgaagaaga	gcttctttca	gaggttcggc	ctggacaaat	ggagttccct	cccagaaaca	360
cccacattac	ctgctttctt	cttgggtagc	ttgtccatca	gtccacccc	ttgtgacacc	420
tttctgaagc	tggagggctg	ggagaagggg	gttgtattca	tcaatggcca	gaaccttgga	480
cgttactgga	acattggacc	ccagaagacg	ctttacctcc	caggtcctcg	ggttgagcag	540
cggaatcaac	caggtcatcg	tttttgagga	gacgatggcg	ggccctgcat	tacagttcac	600
ggaaaccccc	cacctgggca	ggaaccagta	cattaagtga	gcggtggcac	cccctcctgc	660
tggtgccagt	gggagactgc	cgcctcctct	tgacctgaag	cctggtggct	gctgccccac	720
ccctcactgc	aaaagcatct	ccttaagtag	caacctcagg	gactgggggc	tacagtctgc	780
ccctgtctca	gctcaaaacc	ctaagcctgc	agggaaaggt	gggatggctc	tgggcctggc	840
tttgttgatg	atggctttcc	tacagccctg	ctcttgtgcc	gaggtgtcg	ggctgtctct	900
aggggtggag	cagctaatac	gatcgcccag	cctttggccc	tcagaaaaag	tgctgaaacg	960
tgcccttgca	cgggacgtca	cagccctgcg	agcatctgct	ggactcaggc	gtgctctttg	1020
ctgggttctg	ggaggcttgg	ccacatccct	catggcccca	ttttatcccc	gaaatcctgg	1080
gtgtgtcacc	agtgtagagg	gtggggaagg	ggtgtctcac	ctgagctgac	tttgttcttc	1140
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acagaaatcc	tcacctgctg	tcttcccaag	ttagcagggtg	tctctggtgt	tcagtgagga	1320
ggacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	aggaggacag	1380
aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	acatccaggg	1440
aggaggacag	aaggcccagc	tcacatgtga	gtcctggcag	aagccatggc	ccatgtctgc	1500
acatccaggg	aggaggacag	aaggcccagc	tcagtggccc	ccgcccccca	ccccccacgc	1560
ccgaacagca	ggggcagagc	agcctcctt	cgaagtgtgt	ccaagtccgc	atttgagcct	1620
tgttctgggg	cccagcccaa	caactggctt	gggtcactg	tctgagttg	cagtaaagct	1680
ataaccttga	atcacaaaaa	aaaaa				1705

<210> 3828

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1459)...(1034)

<223> similar to gil469179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3828

tttttttttt	ttagcatttc	tttgaatttt	attgaaaatt	gaacatggac	attagaaagg	60
tatcaggcct	aaacagtgc	ggttctggga	tgtttctcct	ggagaatgaa	agccccagag	120
ggggcaatga	actggtgcac	acctttgagc	aaaaagaaca	aaggagaaga	aaggaaaaac	180
acacacagat	tctggaaaac	atgcaaagag	gctctctcaa	gagacactga	acagcagaat	240
ggtggtgatg	gtggtagggg	atatatgaga	atgagcacac	tcacatggta	ttttgatgca	300
agttaaacca	atgaattcaa	ggcagattta	ccaacatcaa	agctctccct	ccagatccca	360
ggttgagcag	aaacctctct	caaaacccta	actggtctcg	gaaggtggaa	tggagtaatt	420

ttgccctcac	taagcttaaa	ccccctccct	tctctaccta	agtgttagat	agtggataca	480
ttttccccct	ttgctggaat	ctatagaagg	tctgcgaatg	ctgaagaaga	tacaaatgtc	540
acttgacttt	ctcttgcata	ttcagaaatg	tttaacagtg	gctgtagaca	gtcaacccat	600
cgaaccagag	aaatgtttta	aagaaaaaca	taaaactcaa	acaaaacctt	gtgaacagaa	660
cagtactttc	ataccacag	ctgaggtgtc	ctgccccagt	cacttacact	tgggtgagtg	720
gtcctgtagt	tgtttctctg	aggttacatt	tcgteccatt	tccagctctg	atgggtcctt	780
tctgccttg	ttagtttaga	caagacactt	ccatttaaaa	taccatgtga	gtcaggaaga	840
gagcttcttg	cctggacaca	gggacacatg	aacacttggt	gagtgggtgtg	gtgtatgtgt	900
gtgtgcttgc	agtttgaggg	gagaggaaat	tggttgattt	ctgatttgag	acaatatgga	960
accctaactc	ttctataatg	gcagtcttct	ccttttagact	tagtgcagct	gctgaagaca	1020
agattaaaaa	aagtttttct	tctctttgtc	tctcttcaga	gtctgtgagc	ctccagcctg	1080
ggagccctgg	gactggagca	gctcagccgc	cgtctttctt	tgcttgaaag	cattcacttc	1140
atcatccagg	gatttcttct	tatcctccag	tttctttctc	tcgtectggt	gcagtttctt	1200
cagacggtca	aacttctcgt	gcagctcttt	ctctgectct	ttgagctccg	cttctttctc	1260
tttgactcgc	tggacgaaca	tctgtctcat	ctcctcttct	tttttctgga	gttccccctag	1320
gaactcggtc	cttttgacct	catatgtctc	ctgaagggtt	tgctgtcagg	gtcgggtgtcc	1380
ttgaagccca	tctcctccag	cttacagcgg	cgatacagct	catagtgccg	ggtgtgggtc	1440
tgctccccga	gactct					1456

<210> 3829

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (11)...(351)

<223> similar to gi4062356 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3829						
ttttaccta	gaacactatt	ttaggcgcag	gattccttga	tgaaaaatac	cgccaagaga	60
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tgcgtaaaaa	ctggggagtcg	gtcaaagaac	aggatgatgcg	aaaagcactt	cgcgctaaat	180
tcgaacagca	tgcagaactg	cgtgcgctct	tgctggcaac	cgcgcccgca	aaactgggtg	240
agcatacgga	aaacgatgct	tactggggag	acgggtgggtca	tggtaagggc	aagaatcgac	300
tgggctacct	tttaatggag	ttgcgcgaac	aattggctat	agagaagtaa	cgtctcgggtg	360
gcttatgggc	ggtaaaacag	ataaattttt	tcccgtgttc	tcaaattgct	gacaagtgtc	420
tgttgtgaaa	tgccggatgc	ggcgtaaacg	ccttatccgg	cctac		465

<210> 3830

<211> 973

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (964)...(344)
 <223> similar to gi3882143 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3830

aacaaagtgtg	gtctcttttt	tccaccagtt	ttcaagtaat	tagttcaagt	aagcttattt	60
acagctgcta	ctgtatatat	gtgacctact	ttaacccttc	tttcccttta	ggaattggtc	120
tcccttgga	tgggacacca	cattttaaaa	aaaacttgaa	ccaggttttt	ttcatctacc	180
aattcaattc	agtcagtgtt	ctgctttatt	gggcagataa	agagaagaaa	ccagcaagtt	240
atgtccaaaa	gctggaaaac	gccgaaatgc	ttcccaacta	tctgaaaaga	tggtgtactt	300
gaggaacact	cgggtgtcca	agctggctga	caggggtgacg	tctctgctca	tgatgtagat	360
gccgtcgta	tggagcgcac	aagtcaagtt	aagacccgat	ttggacgtgt	tctccttgag	420
gtagagccac	tggcgggtga	cgggtgttga	ggactgcacg	gtgagcatgt	cctcgctctg	480
gctgctcctg	cggttggggc	ccagctcgtg	gagacacccc	cccacgatgt	agatggctct	540
ttccacagac	accatctgct	gcttgcgat	gtggacgtca	catgtttcaa	agagcgtcca	600
catgtcggaa	gaggggcagt	actgcaaaat	gttcatgttc	cggctctctg	tagtgtatcc	660
tccaatgaca	taaatttttc	ccttacactc	acaggcagag	aactcagcca	gaggattggg	720
taagggcgcc	acaaaattcc	acgcatcctg	ctcgggggtg	taacactcaa	cgtagaaaac	780
ggcctgccct	ccgatggcat	agagttttga	attaacagcc	acaagtttga	agttagacct	840
cttctgggtc	atggaggcca	cctggagcca	ctcgttggtg	ctgggggtgt	aggaatgcgc	900
agcggagatc	tcttggttag	tgatcctgta	cccgccact	ataagaggta	gttgtccagg	960
ctcggcaggg	tct					973

<210> 3831
 <211> 2555
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1571)
 <223> similar to gi2781386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3831

atgtcgttac	gtgtacacac	tctgcccacc	ctgcttggag	ccgtcgtcag	accgggctgc	60
agggagctgc	tgtgtttgct	gatgatcaca	gtgactgtgg	gccctgggtc	ctctgggggtg	120
tgccccaccg	cttgcatctg	tgccactgac	atcgctcagct	gcaccaacaa	aaacctgtcc	180
aaggtgcctg	ggaacctttt	cagactgatt	aagagactgg	acctgagtta	taacagaatt	240
gggcttcttg	attctgagtg	gattccagta	tctgttgcaa	agctgaacac	cctaattctt	300
cgtcataaca	acatcaccag	catttcacag	ggcagttttt	ccacaactcc	aaatttgaag	360
tgtcttgact	tatcgcccaa	taagctgaag	accggtgaaa	aatgctgtat	tccaagagtt	420
gaaggttctg	gaagtgtctc	tgctttacaa	caatcacata	tcctatctcg	atccttcagc	480
gtttggaggg	ctctcccagt	tgcagaaact	ctacttaagt	ggaaattttc	tcacacagtt	540
tccgatggat	ttgtatgttg	gaaggttcaa	gctggcagaa	ctgatgtttt	tagatgtttc	600
ttataaccga	attccttcca	tgccaatgca	ccacataaat	ttagtgccag	gaaaacagct	660

gagaggcatc	taccttcacg	gaaacccatt	tgtctgtgac	tggttccctg	gtctccttgc	720
tggtcttttg	gtatcgtagg	cacttttagct	cagtgatgga	ttttaagaac	gattacacct	780
gtcgctgtg	gtctgactcc	aggcactcgc	gtcagggtact	tctgctccag	gatacgttta	840
tgaattgctc	tgacagcatc	atcaatgggt	cctttcgtgc	gcttggcttt	attcatgagg	900
ctcaggtcgg	ggaaagactg	atgggtccact	gtgacagcaa	gacaggtaat	gcaaatacgg	960
atttcacctg	ggtaggtcca	gataacagac	tgctagagcc	ggataaagag	atggaaaact	1020
tttacgtgtt	tcacaatgga	agtctgggta	tagaaagccc	tcgttttgag	gatgctggag	1080
tgtattcttg	tatcgcaatg	aataagcaac	gcctgtttaa	tgaaactgtg	gacgtcacia	1140
taaatgtgag	caatttcact	gtaagcagat	cccatgctca	tgaggcattt	aacacagctt	1200
ttaccactct	tgctgcttgc	gtggccagta	tcgttttggt	acttttgtag	ctctatctga	1260
ctccatgccc	ctgcaagtgt	aaaaccaaga	gacagaaaaa	tatgctacac	caaagcaatg	1320
cccattcatc	gattctcagt	cctggccccc	ctagtgatgc	ctccgctgat	gaacggaagg	1380
cagggtgcagg	taaaagagtg	gtgttttttg	aacccctgaa	ggatactgca	gcagggcaga	1440
acgggaaagt	caggctcttt	cccagcgagg	cagtgatagc	tgaggggcatc	ctaaagtcca	1500
cgagggggaa	atctgactca	gattcagtc	attcagtggt	ttctgacaca	ccttttggtg	1560
cgtccactta	atttgtgcct	atatttgtat	gatgtcataa	tttaatctgt	tcataatttaa	1620
ctttgtgtgt	ggtctgcaaa	ataaacagca	ggacagaaat	tgtgttggtt	tgttctttga	1680
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ccctttattt	aggatattga	aagaaaaaat	aaactttatg	tattagtgtc	ctttaaaaat	1920
agactttgct	aacttactag	taccagagtt	attttaaaga	aaaacactag	tgtccaattt	1980
catttttaaa	agatgtagaa	agaagaatca	agcatcaatt	aattataaag	cctaaagcaa	2040
agttagattt	gggggttatt	cagccaaaat	taccgtttta	gaccagaatg	aatagactac	2100
actgataaaa	tgtactggat	aatgccacat	cctatatggg	gttatagaaa	tagtgcaagg	2160
aaagtacatt	tgtttgcttg	tcttttcatt	ttgtacattc	ttcccattct	gtattcttgt	2220
acaaaagatc	tcattgaaaa	tttaaagtca	tcataatttg	ttgccataaa	tatgtaagtg	2280
tcaataccaa	aatgtctgag	taacttctta	aatccctgtt	ctagcaaact	aatattgggt	2340
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ctgtgctttg	gacatttgaa	ttaatgtaaa	tatatgtaat	ctgtgacttt	gatattttgt	2460
tttatttggc	tatttaaaaa	cataaatcta	aaatgtctta	tgttatcaga	ttatgctatt	2520
ttgtataaag	caccactgat	agcaaatctc	tctcc			2555

<210> 3832

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (30)...(457)

<223> similar to gi927637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3832

cattgcgagt	gcaggaattc	cttttccaag	gttgtggcac	tgcctttgac	ttccacaaag	60
agattgacta	catgtttcta	ttgtgcacag	aggaggaaaa	aatctacaag	tgctctaaat	120
cctactccag	ccaattcctc	gacacctatg	acgcccacaa	catgtcagtg	gacactgtgt	180
cctggaaccc	ataccacacc	aaggtcttca	tgtcctgcag	ctccgactgg	acagtgaaga	240
tctgggacca	caccatcaag	tgaggggcct	gttcctggct	ctgcctgggg	ccctcccctg	300
ggctatggca	ctgtgagccc	tctgtgccat	gggctttcca	ccctccacct	ttgcaggacc	360
ccgatgttca	tctatgacct	gaactcagcc	gtgggtgatg	tggcctgggc	gccatactct	420
tctactgtgt	tcgcagcagt	caccacagat	gggaaggggc	aagccatcca	gggtccagcc	480
aaaagaggaa	tcattcatcc	catgaggcct	cagggaggaa	acagagctgt	tcaccttgga	540
ggagaaagca	ctctggggga	tgagatgcc	tggagcagtt	atttcctctg	ctgtatggng	600
gagagctaga	gggtggcagg	gcccggtccc	atctaaggaa	aaatgtatga	gccagagttg	660
atcagtgact	gaatagtgtc	tgtaatgtag	tgaagtctcc	atccccggga	gtgtgcaagc	720
tgattctgag	ggaacttcag	tggggtggaa	tgggaggggg	ctattcaaca	ctgagaattg	780
gtgagacctc	agaaa					795

<210> 3833

<211> 1798

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1793)...(904)

<223> similar to gil507680 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3833

gggggccaat	gggctcccaa	ggctccggtca	ggggagaaca	ggcaccggtc	ccccgcggga	60
tgggtccgca	ccattccagc	ggctctctcc	acgaaagtgg	gccactgccg	ggctgcacta	120
tgtgtcactg	aaattcaggg	agacctctca	gtcgggggttc	cagcctacgc	atgttcaagg	180
gacccctca	ttcccaaaac	ccgcggggcg	cacagaattc	tcaggcctgg	ctgcgttgct	240
gggaagcgga	ggcccagttc	ctcctgcagc	ctggctcaca	cccacgcctc	acagtggggc	300
cctctgaccg	tggccgcagc	ccccagcatc	tacccaagc	tagtgcaaca	tcctgccag	360
tccacgtgct	actgcgctcc	cggcgctgc	ctccaggcca	ccgggcggac	cctttctcag	420
ccccaggggc	cttccaggcc	cttctgttca	aaggaccgga	tgcttcacac	cgtaagggc	480
tttatttcac	agatcatggg	ggtagtttg	gatttccagc	cctcaccacg	gttaagtcac	540
acatttcccc	acacctgctc	atttctccag	atctgaaaca	tctcacccaa	cacatcctag	600
ttgttgtaaa	ccccaaatga	actttccaga	agcaaaaaca	ataacagatt	cagagaaccc	660
tggtcacacc	tgctgagcag	gtccctctca	ctctggttgc	atatagaatg	cttgtttgct	720
caaaagagag	gcgctctcaa	catcaaggca	caaagaaaga	cgtctccagg	ggcaaaatga	780
tgacgaagtg	accagcggcc	tctgcgaggc	ccgaggcaga	gtcacggggg	aggcgagttc	840
agcctgacgg	gcattgggag	gaagagccaa	ggacaggtct	cccgtctggg	ctcaggcgctc	900
ctcacgcgta	cttctccagg	aagttgatgt	ggaagtcttt	caccttctgc	agcaccgttt	960
tcagcttctc	cactggaggg	aggatagtca	tcctgaagtg	gtaagtgcct	tcctctgcc	1020
caaagccact	gccgggcacg	acacagatgc	cagtctctctc	caggagcttc	atgcagtaga	1080
acatgtctgg	agccatttga	tgggctgag	cagcctccac	agctttgggc	aggaatgaag	1140
atccgaggga	aggcgtagat	ggccccctgc	aaggggttgc	agtgaattcc	tgggacttgg	1200
ttaaacaggt	cttccgtcag	ctttgtttt	ttggccagat	taccaggac	cgactccttc	1260
tctcggtgta	attgctcaaa	ggactcctct	cctgccaccg	gggggttcac	gacaatgtcc	1320
atggcggcct	gccagacac	tggggggcac	aggcgcaccc	acagcagctt	caccagctgg	1380

cccttgatct	caggggtgcag	gttgatcacc	tccatgtagc	ctcctctgta	accacactcg	1440
cccattgtagc	ccttgagggt	ggagtgggaag	gaggcgagct	ccacgttgct	ggagtactcg	1500
ggccccatct	cgtacagcac	cttcttgaag	gagtggaaac	tgcaatctgg	agagtacacg	1560
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acatctttcta	tgcacttttct	gctttgtacc	tggcctgtgg	ggttcccagg	gttgattatg	1680
cagagcacct	taggatcaca	gtgggtctttg	gcctcctgca	cgcgcgcgcg	gagctcatcc	1740
acattcagcg	cccagcagtt	ctcctgtcca	ggtagtaatt	cacgtggatg	gcgcacatgc	1798

<210> 3834

<211> 1096

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(670)

<223> similar to gi3309573 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3834

gtccaaggcg	gcgccccatgc	tgatagtttg	ctttggccca	tggctcagct	gagctggaga	60
actgcctcta	tgtggtgggg	ggacacacat	ccctggcagg	ggtcttcccg	gcctcgctt	120
ctgtctccct	gaaacaagtg	gagaaatacg	accctggggc	caacaagtgg	atgatgggtg	180
cccccttgcg	ggatggcgtc	agcaatgccg	cagtgggtgag	tgccaagctg	aagctctttg	240
ttttcggagg	aaccagcatc	caccgggaca	tgggtgtccaa	ggtccagtgc	tatgaccctt	300
cggagaacag	gtggacgatc	aaggccgagt	gccccagcc	ttggcgttac	acagccgctg	360
ccgtcctggg	cagccagatc	ttcatcatgg	gaggtgacac	ggaattcaca	gccgcctcgg	420
cctaccgctt	tgactgtgag	accaaccagt	ggacgcggat	tggggacatg	actgccaaagc	480
gcattgtcctg	ccatgccctg	gcttccggca	acaagctcta	tgtgggtcggg	ggctactttg	540
ggacccagag	gtgtaagact	ctggactgct	atgacccccac	ttcagataca	tggaaactgca	600
tcaccacagt	gccctactca	cttatcccca	cggcctttgt	cagcacctgg	aagcacctgc	660
ccgcgtgagg	agcacctgct	gagcccagcc	agaccgcggc	cttcagtgtc	acagcgtggc	720
cttgcttgtc	tgccacagcg	ggagctaagc	cggccctggg	ccagcactcc	gagaggtgga	780
aggggcccctg	ccagctctgg	ggagcagcag	ccttgggctg	ttctgagctt	tatgcaagag	840
aagagaagca	tctcttgcat	ccgtgcccct	gggggcctct	tcagctttgc	agtggtttgt	900
gggaagacat	acctcccaga	ggggcatgga	ctgccaccag	gactgaccct	ggcgtcgggg	960
agaaggacac	ttgcagagcc	ttgagatcac	ctgtttggca	ggtcctggac	tggggccggg	1020
caggcagggg	cagggaggcg	ccccgggtgg	gctttggggc	tgcggcactg	ccacacatcc	1080
tttccctcct	ggcctg					1096

<210> 3835

<211> 2507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (48)...(642)
 <223> similar to gil665819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3835

caactgacgc	gtacgtttgc	tgggatacctc	cgagcgggccg	ccgggagacg	gccaacttgg	60
agctgctgct	gcagcgctgc	agcgaggtca	cgcactgggt	ggccaccgaa	gtgctgctct	120
gcgaggcccc	gggcaagcgc	gcgcagctgc	tcaagaagtt	catcaagatc	gcggccctct	180
gcaagcagaa	ccaggacctg	ctgtctttct	acgcctgtgt	catggggctg	gacaacgccg	240
ctgtcagccg	ccttcgactc	acctgggaga	agctgccagg	gaaattcaag	aacttgtttc	300
gcaaatttga	gaacctggac	ggacccttgc	aggaaccaca	aaagctaccg	agaagtgatc	360
tccaaaatga	agccccctgt	gattcccttc	gtgcctctga	acctcaaaga	cctgactttc	420
ctgcacgaag	ggagtaagac	ccttgtagat	ggtttggtga	acatcgagaa	gctgcattca	480
gtggccgaaa	aagtgaggac	aatccgcaaa	taccggagcc	ggcccccttg	cctggacatg	540
gaggcatccc	ccaatcacct	gcagaccaag	gcctatgtgc	gccagtttca	ggtcatcgac	600
aaccagaacc	tctctcttga	gctctcctac	aagctggagg	caaacagtca	gtgagagtgg	660
aggctccagt	cagaccgcgc	agatccttgg	gcacctggca	ctcaagcact	ttgcacgatg	720
tctcaaccaa	catctgacat	ctttcccgctg	gagcaacttc	ctgctccacg	ggaaagaggt	780
cgatggattt	acccctggac	ccataagtct	gttcctctcc	ctgaagtccc	ctccccattg	840
ctccttcaag	ccaaaactac	actttgctgg	ttcctgtccc	ctctgagaaa	ggggatagaa	900
agctccttcc	tctatgtcct	cccatcgaga	tctgttctgg	ggatggagct	tccaacttcc	960
tcttgcagca	ggaaagaatg	ctgtcacccc	ttctgtcttg	cagagtggga	ttgtgggagg	1020
gattggcagc	cttcttctcc	accacctgtc	cagcttcttc	ctggtcaggg	ctgggacccc	1080
caggaatatt	atgttgccgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	1140
gtgtgtctct	tttttttagg	agcaggagtg	catctggtaa	ttgagggtgg	atgttgtgtg	1200
tgtgtgggag	gggtccttct	gtttgggtgt	acccttgtct	actctgcccc	tggatgggtgc	1260
gggggtgctt	ctccaccccc	acactccctg	ctcagctcct	cgtgctgccc	tgcattgccc	1320
ggcttgtgag	ccaagctgct	ttttggggca	gggagtagca	gcagggtggga	ggggttaccc	1380
atcagccctt	gcaagtcccc	cactcaggcc	tctggaaggt	ccagggtagg	gctctgatga	1440
gagggtaaaa	gatgctcagg	gaaacacagg	cctcagctgc	ctagaggacc	ctccccctgc	1500
cttgcagtgg	gctcgggtag	agcagtatca	ggagctaggg	ttgtctgctg	cccacactcc	1560
tgcttttttg	gatatctaac	tgctaaggag	ggagttgaca	tcccccttct	ggctcatgtg	1620
tctgacacca	acaacatggg	ctctgtccct	ctctctttga	ctctcccttt	gtcctcccca	1680
tagagctggg	gtgggggtgga	tcctataacc	tggggcaggc	agcccccagg	tgggggaggg	1740
ggatggcaga	gactgtaaag	gcgccactgg	actctggcaa	ggcctttatt	acctttactc	1800
ccctccctct	cccataacca	gcctcaaggc	ctgaggggtg	caggggctcc	tggcagctac	1860
tgggtgaggt	ttcctggcac	agactcacc	ttctttctgg	caccacctct	ttcccttttg	1920
aagagacagc	aacagccgta	gcaaaaagcag	ctgctgtccc	tgctatgagg	gtgtatatat	1980
tttttacc	aaagctctgga	attgtacatt	tattttttaa	aactcaaaga	gggaaagagc	2040
cttgtatcat	atgtgaacat	tgtatcatag	gtaatgttgt	acagaccctt	ttatacagtg	2100
atctgtcttg	ttcctgcagc	aaaaatcctc	tatggacata	ggaggtgctg	tgtcccatgc	2160
cctcttgccc	tgacagtgtc	ccatgggccc	ccttctgtct	cctgccccct	ccctgctact	2220
gctgatgcac	tctcctctcc	ctgcagcccc	tggcttccca	gccttctctc	tgaccccttc	2280
caacagcctt	ggaactccag	ctgccaccac	cctctgggtc	ggacactggg	accactggc	2340
ccagtcttgg	ctgctgttta	cccctagcct	tgatgcctgc	ccagggaccc	ccagccccct	2400
cccgttgccc	tgcagcttta	acagagtga	ccatgtgtat	ttgtacaggc	gcgggtgtca	2460
ttgcagaaac	cgctgggtgg	agaagaagcc	gataaagtct	atgaatc		2507

<210> 3836

<211> 2392
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2034)

<223> similar to gi5731366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3836

atgtccgcgc	agagcctgct	ccacagcgct	ttctcctgtt	cctcgccgcg	ttcaagtagc	60
gcggcctcgg	ccaagggctt	ctccaagagg	aagctgcgcc	agaccgcgag	cctggaccgc	120
gccctgatcg	gcggctgcgg	gagcgacgag	gcggggcgcg	agggcagtcg	gcggggagcc	180
acggcggggc	gcctctactc	cccacactc	ccagccgaga	gtctcgggcc	tcgcttggcg	240
tctcttccc	ggggctcgcc	ccccagggcc	accaggctac	cgctcctgg	acctctttgc	300
tcgtccttct	ccacaccag	caccccgag	gagaagtcac	catccggcag	ctttcacttt	360
gactatgagg	ttcccttggg	tcgcgggcgc	ctcaagaaga	gcattggcctg	ggacctgcct	420
tctgtcctgg	ccgggccagc	cagtagccga	agcgcttcca	gcattcctctg	ttcatccggg	480
ggaggcccca	atggcatctt	cgcttctcct	aggaggtggc	tccagcagag	gaagttccag	540
tcccaccgcg	acagtcgcgg	gcacccctac	gtcgtgtgga	aatccgagtt	ggagttgtat	600
gatcttcaga	tcttaggcac	aaaaccaccg	atgaattccg	atacacatcg	taactttgac	660
cccaccgcaa	cccttagaaa	tcagggtgat	ttcacctgga	acagcatgtc	aggccgcagt	720
gtacggctga	ggtcagtcct	catccagagt	ctctcagagc	tggagagggc	ccggctgcag	780
gaagtggctt	tttatcagtt	gcaacaggac	tgtgacctga	gctgtcagat	caccattccc	840
aaagatggac	aaaagagaaa	gaaatcttta	agaaagaaac	tggattcact	aggaaaggag	900
aaaaacaaag	acaaagaatt	catcccacag	gcatttggaa	tgcccttata	ccaagtcatt	960
gcgaatgaca	gggcttataa	actcaagcag	gacttgcaga	gggacgagca	gaaagatgca	1020
tctgactttg	tggcttcctt	cctcccattt	ggaaataaaa	gacaaaacaa	agaactctca	1080
agcagtaact	catctctcag	ctcaacctca	gaaacaccga	atgagtcaac	gtccccaac	1140
accccggaac	cggctcctcg	ggctaggagg	aggggtgcca	tgtcagtgga	ttctatcacc	1200
gatcttgatg	acaatcagtc	tcgactacta	gaagctttac	aactttcctt	gcctgtctgag	1260
gctcaaagta	aaaaggaaaa	agccagagat	aagaaactca	gtctgaatcc	tatttacaga	1320
caggtcccta	ggctgggtgga	cagctgctgt	cagcacctag	aaaaacatgg	cctccagaca	1380
gtggggatat	tccgagttgg	aagctcaaaa	aagagagtga	gacaattacg	tgaggaattt	1440
gaccgtggga	ttgatgtctc	tctggaggag	gagcacagtg	ttcatgatgt	ggcagccttg	1500
ctgaaagagt	tcttgaggga	catgccagac	ccccttctca	ccaggagagc	gtacacagct	1560
ttcatcaaca	ctctcttggt	ggagccggag	gaacagctgg	gcaccttgca	gctcctcata	1620
taccttctac	ctccctgcaa	ctgcgacacc	ctccaccgcc	tgctacagtt	cctctccatc	1680
gtggccaggc	atgccgatga	caacatcagc	aaagatgggc	aagaggtcac	tgggaataaa	1740
atgacatctc	taaacttagc	caccagcatt	tggaccacaac	ctgctgcaca	agcagaagtc	1800
atcagacaaa	gaattctcag	ttcagagttc	agcccgggct	gaggagagca	cggccatcat	1860
cgctgttggt	caaaagatga	ttgaaaatta	tgaagccctg	ttcatgggtc	ccccagatct	1920
ccagaacgaa	gtgctgatca	gcctgttaga	gaccgatcct	gatgtcgtgg	actatttact	1980
cagaagaaag	gcttcccaat	catcaagccc	tgacatgctg	cagtcggaag	tttcttttct	2040
cgtgggaggg	aggcattcat	ctacagactc	caacaaggcc	tccagcggag	acatctcccc	2100
ttatgacaac	aactccccag	tgtgtctgta	gcgtcctctg	ctggctatgc	aagaggacgc	2160
ggccccgggg	ggctcggaga	agctttacag	agtgccaggg	cagtttatgc	tgggtggcca	2220
cttgctgcgc	tcaaagtcaa	gggaaagttc	tcctggacca	aggcttggga	aaggttaactg	2280
gagcctggcc	agcaggcgct	ggccaaaaca	agcgaccctc	ctcttggtgc	atgtggcatg	2340
gtgtggggct	cttcggacct	tctcttcgct	tctcccttat	ttgatgtttc	tg	2392

<210> 3837
 <211> 2950
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (20)...(1902)
 <223> similar to gi5932010 in the genepept database release 114,,
 Run with FASTXY 3.3t00, default parameters

<400> 3837

tgcaagtgac	ttcattcgga	gcctggacca	ctgtggatac	ctatctctgg	aggggtgtgtt	60
ctcccacaag	tttgatttcg	aactgcagga	tgtgtccagc	gtgaatgagg	atgtcctgct	120
gacaactggg	ctcctctgta	aatatacagc	tcaaagggtc	aagccaaagt	ataaattctt	180
tcacaagtca	ttccaggagt	acacagcagg	acgaagactc	agcagtttat	tgacgtctca	240
tgagccagag	gaggtgacca	aggggaatgg	ttacttgcag	aaaatggttt	ccatttcgga	300
cattacatcc	acttatagca	gcctgctccg	gtacacctgt	gggtcatctg	tggaagccac	360
cagggctggt	atgaagcacc	tcgcagcagt	gtatcaacac	ggctgccttc	tcggactttc	420
catcgccaag	aggcctctct	ggagacagga	atctttgcaa	agtgtgaaaa	acaccactga	480
gcaagaaatt	ctgaaagcca	taaacatcaa	ttcctttgta	gagtgtggca	tccatttata	540
tcaagagagt	acatccaaat	cagccctgag	ccaagaattt	gaagctttct	ttcaaggtaa	600
aagcttatat	atcaactcag	ggaacatccc	cgattactta	tttgacttct	ttgaacattt	660
gcccaattgt	gcaagtgtct	tggacttcat	taaactgggc	ttttatgggg	gagctatggc	720
ttcatgggaa	aaggctgcag	aagacacagg	tggaatccac	atggaagagg	ccccagaaac	780
ctacattccc	agcagggctg	tatctttgtt	cttcaactgg	aagcaggaat	tcaggactct	840
ggaggtcaca	ctccgggatt	tcagcaagtt	gaataagcaa	gatatcagat	atctggggaa	900
aatattcagc	tctgccacaa	gcctcaggct	gcaaataaag	agatgtgctg	gtgtggctgg	960
aagcctcagt	ttggtcctca	gcacctgtaa	gaacatttat	tctctcatgg	tggaagccag	1020
tcccctcacc	atagaagatg	agaggcacat	cacatctgta	acaaacctga	aaaccttgag	1080
tattcatgac	ctacagaatc	aacggctgcc	gggtggtctg	actgacagct	tgggtaaactt	1140
gaagaacctt	acaaagctca	taatggataa	cataaagatg	aatgaagaag	atgctataaa	1200
actagctgaa	ggcctgaaaa	acctgaagaa	gatgtgttta	tttcatttga	cccacttgtc	1260
tgacattgga	gagggaatgg	attacatagt	caagtctctg	tcaagtgaac	cctgtgacct	1320
tgaagaaatt	caattagtct	cctgctgctt	gtctgcaaat	gcagtgaaaa	tcctagctca	1380
gaatcttcac	aatttgggtc	aactgagcat	tcttgattta	tcagaaaatt	acctggaaaa	1440
agatggaaat	gaagctcttc	atgaactgat	cgacaggatg	aacgtgctag	aacagctcac	1500
cgcactgatg	ctgccctggg	gctgtgacgt	gcaaggcagc	ctgagcagcc	tgttgaaaca	1560
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agagattaga	attttaggtg	catttttttg	aaagaaccct	ctgaaaaact	tccagcagtt	1680
gaatttggcg	ggaaatcgtg	tgagcagtga	tggatggctt	gccttcatgg	gtgtatttga	1740
gaatcttaag	caattagtgt	tttttgactt	tagtactaaa	gaatttctac	ctgatccagc	1800
attagtcaga	aaacttagcc	aagtgttatc	caagttaact	tttctgcaag	aagctaggct	1860
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aactgcttaa	ataaagtgtg	ctcgaagcca	gtaagtgtct	tgggacctca	ttattttaag	1980
cctggtagtt	aaaaaaaaatc	ttgcaaaagg	atgccaaaga	agataaggac	gtggaaagaa	2040
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atcggcgccct	tgaaggaatt	ctcattcatc	tttgtgttac	ctttggtctg	ggtcacacca	2160
actggtatac	tgaatgcata	ttaacttagt	atagtgcctg	gcatgtaaga	gattctcaac	2220
aatattctca	ataaatattc	gctgaatatg	agataaatta	ttaatagcta	ctgaataaag	2280
aaagattatt	taaaaccaga	gaggaaactc	catatatgtt	ctttaatcca	aacagtttaa	2340
ttcaagcaat	ctggaatata	aaaagcactt	tctgatatta	gaaggagatc	agactcccaa	2400

aaaagatcag	cattcttttag	tcaagcaaaa	cttgggaagtt	tacaaacagc	taaatcagaa	2460
gcttgaaatt	caggtcctct	ccagtacctg	ctacattata	tgtaattcca	aacatgactt	2520
cagagattaa	agaagaaagg	gaagatgttt	cccattcttt	tgtaccctat	ataaactaag	2580
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gaagtctaag	agaactctct	catctaaata	tattttaagta	gaggcaagcc	tgaaaaaac	2700
acaaaaacct	aaatggtggt	aggctgtggt	tcacctattc	tcattggcacc	tcaaattaat	2760
ggcttgggtg	ttggtgtagg	taacgcttgg	cctgtatggt	gaggtagtca	ctagataaaa	2820
ttctgggcac	aacatccgtt	tagcaattgg	gcatacatto	tacagattta	gccataacgt	2880
tctgaagctg	attatttttac	agatcaacta	attaattcct	ctccctaact	ttacagatga	2940
gaaagctcag						2950

<210> 3838

<211> 1476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1477)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1479)...(1093)

<223> similar to gi5565689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3838

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aacacaaagt	catgtaattg	cccattgccc	aagacgacag	cactatagaa	aacagttgca	120
agttaattct	cggagatgac	cagagatttt	tcagtgttta	cacaaaagta	catagtacat	180
tttttttttt	ttacaaaata	aaataaacat	catttgccac	cataaacctt	ttcttttagag	240
aggaaaaatt	tttgacgacg	gacacaaggg	ttctattaag	tcattttcaat	gcctgagaaa	300
aacaaaattg	agtaatagga	ctaatacatt	ccctatatat	ggatgttaag	atgacaattt	360
agattatttt	tcaactaat	cctgaggaaa	aaatctgttt	acaatttaaa	cagtaatggt	420
atgtaaaaag	tattattaac	aaatccccta	ttacaaatat	caatttccta	tatgggtcttc	480
tatatataca	cacaataaaa	tggtaaatat	atgcaaaaat	atttaaaaaa	aaaacatgca	540
cagatcactt	tcccctttgg	aatctggact	tcctatcaga	tacctttggt	ttccttcccc	600
acctcatcct	ctgatactgt	tttttgtttc	tatcaccccta	ccaacactga	atactattcc	660
ctataactct	gcataaagcc	aatgagaaat	atattttattt	taccttcaag	ctttaaatct	720
taaaatgacc	ctgtttagtc	atatgactta	tcaaataagc	agcccttttt	ttccctcttt	780
tttgcttgct	tttttttttg	ttttgttttg	ttttttttgc	agttgtcagt	cttcattgatc	840
cattctgtgg	cgagctggga	aaaaacgcag	ttgctaagtc	aacgtctgaa	cagtgtgagg	900
ctcctgaata	tctcccagga	gtccctgcgc	aactgtcctg	agcatgagat	cattgcacag	960
agaagacagt	ccaccgcgca	gcgctgacta	tctacagagg	tctgagaggg	gcgcgtccct	1020
cttggtgttc	ctcttttttg	catggtaata	ctgattattg	gatttgcctt	gatgttggtt	1080
gtttgtcatc	aaggaacctat	ggcttgtttg	agttgtacct	tggaagcctt	tgctggaaga	1140
acgaaaagagc	cttgctgatc	catgctgaga	tttggttggtg	ctggtggatg	tgtagtggtt	1200
ttgggtgctt	tgcattttcc	caactgcctg	agaggactcc	aaggatacat	cttgcgaccc	1260
tactcggtgt	nccagtggac	ggacggcaaa	gcagctgttt	cggggttttg	catggtgttg	1320

catcggaatc	tacatcacta	gagctggact	gtgtggcaga	agaggacgac	actggaccat	1380
tgcatgaagg	ctcaggtcta	ttcttcaagc	cccactgctt	tgatatccaa	tctctatatg	1440
tggcaacttc	atctgttact	ctaattattc	ttccag			1476

<210> 3839
 <211> 1045
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1046)...(60)
 <223> similar to gi4587598 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3839	
gtttttttttt	cacatataac atttaaaaat cagtatttaa ttacaaatta tatgttctac 60
agtccagcaa	tacaaagtgt tgcattagta ccaccaaacc caaaggaatt ggtgaggcca 120
ataaatcttt	tctcagtttt ccattcctgt gccttttagtg gaacatagtt gagatcaaat 180
tctggttccg	aacaatccag gtttaaagta ggtggtatgt ttttgataat aacaagctaa 240
tgggggtaaa	agctgcctcg actgcccctg cagctcccag cagatgtcct gttgctccct 300
tagttgagga	aactgcaagg gcatatgcat ggtctttgaa gagatgtttg atagctttgt 360
tttcagcagc	atctcccaat ggtgtggaag tagcatgtgc attgatatag gatatctcct 420
caggctgcac	acctgcatct tttaaagcag cagccataca ccttaaggca ccttctcctt 480
caggatcagg	ggcagttatg tgaccagcat cacctgagag tccatagccc aaaacttctg 540
catagatccg	ggctcttctt tgaacagcat gttcatattc ttccagcacc agcacagctg 600
caccttctcc	cattacaaaa ccatctctct ttggatgaaa tggctgacat gccaaacttg 660
gatctgagtt	tgtgctcaga gcccgggctc tggaaaaccc agcaagagat aaagggctaa 720
tacaagaatc	tgtacctcca gccaccatca catcagcatc accatgggct ataaatctaa 780
atgagtctcc	cacagcatga gctcctgtgg tacaggctgt ggatactgca tgatttgggc 840
ccttgagttt	atatcgaatg ctgacctggc ctgctgccat attgaccaga atcttaggga 900
caaaaaatgg	gctaacttta ttgtaacctt ttgtctgaaa attcaaagca gtttcagaaa 960
caacttcaag	aggaatcatt cccatgccaa ttgcaacacc agtagccact tgatcagctt 1020
ctgactgagg	atgccagcca gaatc 1045

<210> 3840
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (613)...(440)
 <223> similar to gi4038413 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3840
tttttttttg atgtttctgaa ctttattttc aactatttta agcactctac aaaatgctct 60
acaacattaa gaaaacctca gcaaaatttg ggggtgggaat tagactctgt ttatctgtca 120
tcaaaatata acgcaaacac ttattttaag tgtttaactt aagatattta actctgtgga 180
attctttgta gatgatggtg tatttaaatt ccacatatga caatgaaaat ttacccaag 240
catacaactc tttaaaacaa aataacacac attttttaaa actgtttcag attaagttgt 300
tttgcttttt ttcttagaca tgaaaactaa gctcaatctt tttccccagt cacagccttg 360
agcttatggc agatttgcac aaagtatacc aatttcttct tggattgtcc atctagtgat 420
gccagtagtt catgccatca caggtagaag agatggttgg ctaattccag actgggttct 480
ttatgaatgc tttgtgccac cagaaaggct agcttgtgag catactgaca tgggtgctggg 540
acactgacta tgcccggcca gttgtagtac aggtgggcac aatttgaatg taagtctctg 600
catatggtcg gg 612

```

<210> 3841

<211> 2018

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(487)

<223> similar to gi951231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3841
tgtgccattg cattctgaat tattggtgtg atgaaccaag gagtggctcc ctattgtaag 60
gactccaaca cggggtggaa gtccatatgg acaacagggtg gtagtttttg ggcctccatg 120
gcagcaggca ccacctccat attccggtcc acatccagct ggacccccctg tcatacagca 180
gccaacaaca cccatgtttg tagtcccccc accaaagacc cagcggcttc ttcaactcaga 240
ggcctacctg aaatacattg aaggactcag tgcggagtc aacagcatta gcaagtggga 300
tcagacactg gcagctcgaa gacgcgacgt ccatttgtcg aaagaacagg agagccgcct 360
accctctcac tggctgaaaa gcaaaggggc ccacaccacc atggcagatg ccctctggcg 420
ccttcgagat ttgatgtctc gggacaccct caacattcgc caagcataca acctagaaaa 480
tgtttaatca catcattacg tttcttttat atagaagcat aaagagttgt ggatcagtag 540
ccatttttagt tactgggggt ggggggaagg aacaaaggag gataattttt attgcatttt 600
actgtacatc acaaggccat ttttatatac ggacactttt aataagctat ttcaatttgt 660
ttgttatatt aagttgactt tatcaaatc acaaagattt ttttgcata gtttccttcg 720
tttaaaacca gtttcataat tggttgtata tgtagacttg gagttttatc tttttacttg 780
gtgccatgga actgaaacca ttagaggttt ttgtcttggc ttgggggttt tgttttcttg 840
gttttgggtt tttttatata tatatataaa agaacaaaat gaaaaaacac acacacacac 900
aagagtttac agattagttt aaattgataa tgaaatgtga agtttgcctt agtttacatc 960
ttagagaggg gagtatactt gtgtttgttt catgtgcctg aatatcttaa gccactttct 1020
gcaaaagctg tttcttacag atgaagtgtt ttctttgaaa ggtggttatt tatgttttag 1080
atgtctaata gacacagcac atttgctcta ttaactcaga ggctcactac agaaatatgt 1140
aatcagtgtg gtgcatctgt ctgcagctaa tgtacctcct ggacaccagg aggtgaaaaa 1200
gcactttttc aattgtgctg agttagacat ctgtgagtta gactatgggtg tcagtgattt 1260
ttgcagaaca cgtgcacaac cctgaggtat gtttaatcta ggcaggtacg ttaaggata 1320

```

ttttgatcta	tttataatga	attcacaatt	tatgcctata	aatttcagat	gattttaa	1380
tttaaacctg	ttacattgaa	aaacattgaa	gttcgtcttg	aagaaagcat	taaggatatgc	1440
atggagggtga	tttattttta	aacataaacac	ctaacctaac	atgggtaaga	gagtatggaa	1500
ctagatatga	gctgtataag	aagcataatt	gtgaacaagt	agattgattg	ccttcatata	1560
caagtatggt	ttagtattcc	ttatttcctt	attatcagat	gtattttttc	ttttaagttt	1620
caatgttggt	ataattctca	accagaaatt	taatactttc	taaaatattt	tttaaattta	1680
gcttggtgct	ttgaattaca	ggagaaggga	atcataattt	aataaaacgc	ttactagaaa	1740
gaccattaca	gatcccaaac	acttgggttt	ggtgacctg	tctttcttat	atgaccttac	1800
aataaacatt	tgaaggcagc	ataggatggc	agacagtagg	aacattgttt	cacttggcgg	1860
catgtttttg	aaacctgctt	tatagtaact	gggtgattgc	cattgtggta	gagcttccac	1920
tgctgtttat	aatctgagag	agttaatctc	agaggatgct	tttttccttt	taatctgcta	1980
tgaatcagta	cccagatggt	taattactgt	acttatta			2018

<210> 3842

<211> 2476

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(1266)

<223> similar to gi2895758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3842

eggacgcgtg	ggaaacttac	tcttgatgga	gacactgttg	attccattac	tcctgacaaa	60
gtacgaggtt	taagggatat	gctgaacagc	agtgaatgg	acataatgta	ttatactagt	120
ccactttata	gagatgaact	agttaaaggc	cttcagcaag	agctgaatcg	attgtattcc	180
cttttctggt	ctcggaatcc	agactttgaa	gaaaaagggg	gtaaagtctc	aatagtatca	240
cattccttgg	gatgtgtaat	tacttatgac	ataatgactg	gctggaatcc	agttcggctg	300
tatgaacagt	tgtgcaaaa	ggaagaagag	ttgcctgatg	aacgatggat	gagctatgaa	360
gaacgacatc	ttcttgatga	actctatata	acaaaacgac	ggctgaagga	aatagaagaa	420
cggcttcacg	gattgaaagc	atcatctatg	acacaaacac	ctgccttaaa	atttaaggtt	480
gagaattttct	tctgtatggg	gtccccatta	gcagttttct	ttgcgttgcg	tggcatccgc	540
ccagggaaat	actggaagtc	aagaccatat	tttgcttaga	gagatttgta	accggttact	600
aaatatTTTT	catcctacag	atccagtggg	cttatagatt	aggaaccatt	aatactggaa	660
acactacagc	aacatttttca	cctgtccaga	tccactgggt	acaatacttc	aaatccttta	720
ccttatgaac	atatgaagcc	aagctttctc	aaccagcta	aagaacctac	ctcagtttca	780
gagaatgaag	gcatttcaac	cataccaagc	cctgtgacct	caccagtttt	gtcccgccga	840
cactatggag	aatctataac	aaatataggc	aaagcaaggc	atattagggg	gctgctaggc	900
attggaaagg	gacttggagg	aatgttggtc	tcaaggtttg	gacgttcac	tacaacacag	960
tcacttgaaa	cattcaaaaag	actcaatgga	agatgagaag	aagcccagtt	gcctcacctt	1020
ctgcctacca	cccgtaggga	cacagacctt	tccacatagc	agttctggct	tcctcgattc	1080
tgcattggag	ttggatcaca	ggattgattt	tgaactcaga	gaaggccttg	tggagagccg	1140
ctattggtca	gctgtcacgt	cgcatactgc	ctattggtca	tccttggtatg	ttgccctttt	1200
tcttttaacc	ttcatgtata	aacatgagca	cgatgatgat	gcaaaaccca	atttagatcc	1260
aatctgaact	cttgaaggac	atgaatggcc	taaaactgat	tttttttttt	tccgttaaaa	1320
gggggggggtc	aagatacggg	gatttcaggg	ttaaagtata	tttcagtttt	ctttagggca	1380
acatatatTTT	gaatttataa	gcactttatt	taaaaaaaaa	aaaaagtttt	cagttctgaa	1440
aaagtcattt	acagtttgca	tcattttta	tatgagtctg	acaaaacctt	ctccaaaaaa	1500

tcaagcaaga	cctggatgtg	aaaaagggtt	gggtaaactg	catgtaaagg	ctacaaatca	1560
caatctgatt	cctcccaaat	ataaaggcat	atggaacata	atgtattaac	caaagtatgt	1620
tataaatcaa	aaatgggtcaa	gggttcagcat	attctatatg	aaaatcacaa	gggggtatcg	1680
ttttaaat	ctatgaaggc	tttcatttgt	acatcccttt	gaaaaaatat	aacagattta	1740
aaatgttttg	aattttaactt	gttttagaaaa	actaatgctt	aaaacaatat	ttgaactact	1800
gtatttataa	tttattacct	ctaattgctt	tatttcagtg	tatgagacat	tactgtttta	1860
atgtttgctt	tgaacataat	ttaagaacca	gattttat	ctatagtgt	aaaccctttt	1920
ttctcagaac	tccatctttg	tactcttcag	atgaatat	agacactgtg	gcatacat	1980
tttttcatta	aaaacttatg	gcttcataca	acactagt	aattttttta	ataaactttt	2040
tattatgtta	catgtacttc	agagaaagct	aaagtttctc	taaacttgac	acggagtact	2100
ccataatggg	tacatttcat	tagctttatt	agaaaactag	taaatgcttt	tgaataggta	2160
gtatgacagc	tattttaaat	gtataaacat	ttgtgtgcc	aacaacatat	atgaagggt	2220
gtgatgccac	taactagtgc	acattgtttc	tcaatgtgcc	attgagacac	aaggcacagt	2280
aagtcaggat	tctgaggcat	tgggaagggt	ttcttcagct	gtaattgttt	ccacagtgtc	2340
tttcatctga	ggggctcaaa	gtttaagagt	gcattcaata	acccatgtac	tagcttcttg	2400
aggtaagtaa	ataaatcttg	ttctcatgtt	acatgttaat	acaccaaggc	acaaaaacat	2460
ttaaagtgcc	atgaat					2476

<210> 3843

<211> 672

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(581)

<223> similar to gi4895183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3843

caggctcgcc	gatatgaggc	gcacgacaa	attagtggcc	ggcacgcatt	atctgcttac	60
attcagctct	tcagaaaacc	ttgctaaggc	tattgctacg	gacacggtag	ccaacctgag	120
cagaggtcca	gaacctccct	ttttcaaaca	attaatagtt	ccattaattc	ctagtattgt	180
ggatagagca	ccaaaaggca	gaactttcgg	ggatgtcctg	cagccagcaa	aacctgaata	240
cagagtgggg	gaagttgctg	aagttatatt	tgtaggtgct	aacctgaaga	attcagtaca	300
aaaccagacc	catcagacct	tcctcactgt	ggagaaatat	gaggctactt	caacatcgtg	360
gcagatagtg	tgtaatgatg	cctcctggga	gactcgtttt	tattggcaca	agggactcct	420
gggtctgagt	aatgcaacag	tggaatggca	tattccagac	actgcccagc	ctgggaatcta	480
cagaataaga	tattttggac	acaatcggaa	gcaggacatt	ctgaagcctg	ctgtcatact	540
ttcatttgaa	ggcacttccc	cggcttttga	agttgtaact	atttagtgaa	aagttgatag	600
atcatttaaa	gaacagcttt	actctctaca	cattatataa	gtgatttcaa	attaatgtga	660
aaaaaaaaaa	aa					672

<210> 3844

<211> 919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(869)

<223> similar to gi5262467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3844

ggaggtgtgt	aacgtgcgct	atggagccga	aagtcgcaga	gctgaagcag	aagatcgagg	60
acacgctatg	tccttttggc	ttcgaggttt	accccttcca	ggtggcatgg	tacaatgaac	120
tcttgccctc	agccttccac	ctaccgctgc	caggacctac	cctggccttc	ctggtactca	180
gcacgcctgc	catgtttgac	cgggcccctca	agcccttctt	gcagagctgc	cacctccgaa	240
tgctgactga	cccagtgga	cagtgtgtgg	cctaccatct	gggccgtggt	agagagagcc	300
ttccagagct	gcagatagaa	atcattgctg	actacgaggt	gcaccccaac	cgacgccccca	360
agatcctggc	ccagacagca	gcccattgtg	ctggggctgc	ttactactac	caacgacaag	420
atgtggaggc	tgacccatgg	gggaaccagc	gcatacagg	tgtgtgcata	cacccccgat	480
ttgggggctg	gtttgccatc	cgaggggtag	tgctgctgcc	agggatagag	gtgccagatc	540
tgccaccag	aaaacctcat	gactgtgtac	ctacaagagc	tgaccgtatc	gccctactcg	600
aaggcttcaa	tttccactgg	cgtgattgga	cttaccggga	tgctgtgaca	ccccaggagc	660
gctactcaga	agagcagaag	gcctacttct	ccactccacc	tgcccaacga	ttggccctat	720
tgggcttggc	tcagccctca	gagaagccta	gttctccctc	cccgggacct	tccttttacc	780
acaccgccc	ccaagaagcc	tgggaatccc	agcagagccc	ggagctggct	cagccccagg	840
gtctcaccac	ctgcaccccc	tggcccttga	ttttctccca	tgtggacctt	gatttatggt	900
ggtacttgct	aggacttaa					919

<210> 3845

<211> 461

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (461)...(181)

<223> similar to gi4902922 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3845

cagttcttcc	atttcgtacc	aggcttcgca	gccttcagcc	tgcatctcgtg	gcccggcaac	60
accaacaaag	cgggcgttgg	gcacatgttc	tttcagagcg	cggattaaac	cggccccccag	120
gatatcgccg	gaggtttctc	cggcgaccag	ggcaatcggt	aatggacgct	gttcagtcac	180
taacgaatca	aaccgcgcgt	tgagcgtgca	aagaaatcgg	taaaggcttt	cacttccgga	240

tatgtttccg	ccagttcagc	aattttccggt	ttcacttcat	cgagcggtttt	accgctacga	300
taaatcagct	tatacgcat	gcggatagcg	gtaatcgct	cacggttgaa	tcgcggcg	360
ttcagccctt	cgatattgac	acccgaacgg	cgttgcgtgg	ttaccctg	caatgacata	420
aggagggacg	tcttgcgcca	caccggagca	ccccccncc	t		461

<210> 3846

<211> 2573

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (497)...(1847)

<223> similar to gi5257201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3846

gctgcggtc	ctcccggggc	cgtttccggt	tgtctcagcc	gcggcgcaaa	gggcacatcg	60
gcctgaccga	ctagccggct	gccagtgcg	ggagccgcg	cgccatccc	cgcccgctg	120
gccgggacc	caggactgag	tcgtccagct	gcgcccctcg	cccatagccc	cagcgggcg	180
cgggcgggcg	agcagctctt	cgcccttcc	cggacagcga	cgcagtcga	gcgcgcgcc	240
taacacagat	gtgggaagat	aaatgaagg	gtctagatgt	aaatgtcagt	ggaaaggaga	300
gctaccatca	ctaagggtg	aaaacacagt	taaatcactt	tcaaagttaa	aagactatta	360
agaacacaag	atggggactc	ctgcttctg	aaggaaaaga	acacctgtga	aagaccgatt	420
ttctgcagaa	gatgaagctt	tgagtaacat	tgccagagag	gcagaggcaa	ggctggcagc	480
aaaacgggct	gcccgggcag	aagcaagaga	tatacgcatg	agagaactgg	aacgacaaca	540
aaaagagttg	gatgaaaaat	ctgacaaaac	gtatgctgaa	aattatacaa	gaccttcac	600
tcgaaattct	gcctcagcaa	caaccctct	aagtggaaac	tcatccagac	gaggaagtgg	660
ggacaccagc	agcttaatag	atccagacac	ttcattaagt	gaattgcggg	atatctatga	720
ccttaaggac	cagatacagg	atgtagaagg	gagatacatg	caggggctta	aagaactaaa	780
ggaatctttg	tctgaagtgg	aagaaaaata	caagaaagcc	atggtttcca	atgcacagtt	840
agacaatgag	aagaacaatt	tgatctacca	agtagacaca	cttcaaggat	gttattgaag	900
agcaggagga	acagatggca	gaattttata	gagaaaaatga	agaaaaatca	aaggagttag	960
aaaggcagaa	acatatgtgt	agtgtgctgc	agcataagat	ggaagaactt	aaagaaggcc	1020
tgcggcgaag	agatgagctt	attgaggaga	agcagcgcat	gcagcagaaa	atagacacca	1080
tgacaaaaga	ggtgtttgac	ctccaggaga	cacttctttg	gaaagataaa	aaaattgggg	1140
ccctagagaa	acagaaagaa	tacattgcct	gccttaggaa	tgagcgagat	atgctcagag	1200
aggagctggc	tgacctgcag	gagacagtga	agacgggaga	gaaacatggc	ttagttataa	1260
tccccgatgg	cactcccaat	ggtgatgtca	gtcatgaacc	agtggctgga	gccatcactg	1320
ttgtgtctca	ggaagctgct	caggtcttgg	agtcagcagg	agaagggccca	ttagatgtaa	1380
ggctacgaaa	acttgctgga	gagaaggaag	aactactgtc	acagattaga	aaactgaagc	1440
ttcagttaga	ggaggaacga	cagaaatgct	ccaggaatga	tgccacagtg	ggtgacctgg	1500
caggactgca	gaatggctca	gacttgcatg	tcacgaaat	gcagagagat	gcccatttag	1560
acaaattagc	gaatacaaat	ttaagctttc	aaaagccaga	acaggatata	actaccttgg	1620
agcaaagtat	tagccggctt	gagggacagg	ttctgagata	taaaactgct	gctgagaatg	1680
ctgagaaaagt	tgaaagatga	attgaaagca	gaaaaacgga	agctacaacg	agagttaccg	1740
aacagcactg	gacaagattg	aggagatgga	gatgaccaac	agccacctgg	ccaagcggt	1800
ggagaagcat	gaaggccaat	aggacagcac	ttctggccca	gcagtaggaa	aaccacctt	1860
caacctgggt	gatgtcctt	ggggccctac	ctagaggggac	tgacttttgt	ccattgacac	1920
aaacctctt	taagtacctg	ttttgagttt	tgtcattaaa	acaagccacc	tttgtatttt	1980

ataatttatg	acagaattga	agtcattttg	aatctacatg	aatgaacact	ttggattttt	2040
gttgaggttt	gattctaggg	tagaaccagt	ccatgctgtt	tttatttttt	atctccgtaa	2100
ttgtagaatc	atgtttactc	aacgtttttc	cccagctgcc	tcagtaactg	ggcactcgga	2160
ggccttgcca	cgggttcttg	aggacagaca	gcaattctat	gagtgtcac	tgagatactt	2220
gctggagacc	tcagaaaaca	caagtgcctt	ctccacggtg	caattcagac	ttcagtgatc	2280
tccagtggtc	aaaagacatt	tacccttaat	atcagacaac	atttatattt	tagtgaagaa	2340
acaagttctc	gggtggggaa	tctatgtttc	actcagattt	atatgttttg	aggaaaaaag	2400
cctttttttg	taaaatattt	aaatttatat	aagaaaatgt	tagaaaaaaa	tatggggagt	2460
gtatataaaa	cttgctttat	tgcattgggc	aggggaagtc	caggcctaata	actcctaaag	2520
taagagttgg	gtcctttttt	tcttcaatac	aactgtgtgt	taccttgtaa	aaa	2573

<210> 3847

<211> 1482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1479)...(1311)

<223> similar to gi299471 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3847

aaaccatctc	ctcccataaa	gtaattcaaa	aataaagtga	gattgtttac	atgaatagaa	60
agttgatgaa	ctgtgagaat	tggggcttcc	cttgcttact	ccagcctggg	tgacagagtg	120
aggctttgtc	tcaaaaaata	aaataacaaa	ataaatgaaa	taagataaaa	taaaaataca	180
gtactttgat	aaggaaaagg	aactgtcaga	aagggtcgat	tccccagtc	ctcacttagg	240
agagagacca	acagcctgag	ttaaccaagt	cctttgtagc	ccacagcaac	agggagctag	300
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ttattaagct	tcaggatatc	gtcgctgttc	ttcttgaggc	cacaaggagg	cagcacagtg	420
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gtcaacacat	ggacatcact	ggagaggaaa	accactcaa	caagctccgc	gtgaagattg	600
aaccaggctc	aggaggctcc	tctgtctgac	accactccc	ctcaattgag	cttggagccc	660
caagttaatg	cgaacttcat	gttgatcagt	gcacgcttag	aatactttat	ttggaggagg	720
gggcactcca	gagctctttg	tagccaattc	tctggccctt	gggctgactg	aaccacagcc	780
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gtaaaaacaa	cacattggct	gggcatgggt	gttcacgcct	gtaatcccag	gtcaaagcgg	1260
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ctaaaaatac	aaaaattagc	tgggtgtggt	gatgcacacc	tgtaatccca	gctactgggg	1380
aggctgaggc	aggagaatcg	ctcgacccca	ggaggcagag	gttgacagtga	gctgagatct	1440
gccactgcac	tccagcctgg	gtgatagagc	aagctccgtc	tt		1482

<210> 3848
 <211> 919
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (212)...(814)
 <223> similar to gi3881553 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3848

ggaacatgga	gcggggggccg	gtggtggggg	caggactggg	ggccggggcc	cgtatccagg	60
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gaagcgaaca	ggccgcccgc	cttctgggca	gcccctgctt	acggcgccctc	taccatgcct	180
ggctggcagc	agtggtcac	tttgggccgc	ttctgcagtt	ccatgtcaac	cctcggacta	240
tcttcgccag	ccacggcaac	ttcttcaaca	taaaatttgt	gaattcagcc	tggggctgga	300
catgcacttt	cttagggggc	tttgtgttgc	tgggtggtgt	cctggctaca	cggcgcgtgg	360
cagtaactgc	cagacacctg	agccgactgg	tagtaggggc	agccgtgtgg	cggggagccg	420
gccgggcctt	cctgctcatc	gaggacctga	ctggctcctg	cttcgagcca	ctgccccagg	480
gtctgctgct	ccacgagctg	cctgaccgcc	gcagctgcct	ggcagccggc	caccagtggc	540
gaggctacac	cgtctctctc	cacaccttcc	tgtcacctt	ttgctgcctg	ctcatggcag	600
aggaagcagc	tgtgttcgcc	aagtacctgg	cccatgggct	tcttgccggc	gccccactgc	660
gccttgtctt	cctgctgaac	gtgctgctgc	tgggcctctg	gaacttcttg	ctgctctgta	720
ccgtcatcta	tttccaccag	tacactcaca	aggtggtggg	cgccgcagtg	ggcacctttg	780
cctggtacct	cacctatggc	agctggtatc	atcagccctg	gtctccaggg	agcccaggcc	840
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cgggcctgaa	aaaaaaaaaa					919

<210> 3849
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1459)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1377)...(779)
 <223> similar to gi5901802 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3849

ttcactgtaa	caaataatcg	agggtcaagc	tgttttttta	ctgcttgtct	ttttcggtca	60
ggtgagcagg	gctgggtata	agccccattg	ccagattctg	tagccagggtg	gagaaaagtg	120
gactggaggc	tcataatgtt	cagaatactc	acattctgtt	aatcattttg	tcttccatat	180
agcacatcac	taccattacc	atcctcccc	tgctctcagt	tntaagtctg	tttggtttaa	240
tttctccaga	caataaggct	tcagtcacat	gctagagaga	tagctgcctg	cctacaaaag	300
aagagcaaaa	ataaatgttc	aaataatccc	cttgtttcaa	ctttctttat	tactcccacc	360
ttccagggtc	acagcaatta	gctaacaata	aaaacactcc	cacttctctg	agtcacagct	420
gaaagacttt	tcaaggcaga	ctacatttgg	gctggagata	caagtgatgt	agtttgactt	480
gggcaataca	aaacaaaagt	cataggaatt	aaatggattt	tcaatcactg	tataattcat	540
tctcctggct	taagtacgtt	ttaatttttt	cacagaaaaa	aatatatattc	aggcaaataa	600
aaacaaattc	cagattagca	tagttcagcg	tttcattttat	cttaccttta	tcaaggcaaa	660
caaagtacag	atgctgtaca	ttaaaaacat	agaaatatat	cactcacacc	acatcaactc	720
ctacggacaa	aagggtcttt	tctaagccct	gctcctttct	gaagcacaca	ccacagctaa	780
atgtacaaag	agccatctgc	tggtccaaca	tagccaactc	caatgagcag	gacgtctatc	840
agcgtccata	ttcccaggcc	accgaagctg	aagagcttgc	cagaggccgt	ccccgctact	900
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gagcccgtag	acccacttat	agcctccagt	ccaattgcaa	tatagcattt	tgggaaaagt	1020
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gaggacagga	caccgtcatg	cagctgggtg	agttggtaca	ctcgtaatct	gtttcaggaa	1140
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gatcaacaca	ggtaacagat	ggtttccactg	cacagtcaaa	agtgacaggc	ttcccatagg	1260
tacaggagaa	atttgtttgtg	cagtctatac	agtctgcagg	aagcctgcta	cacaaaccat	1320
tgctcggaca	cttcacacaca	taaggtggga	tttcagtact	ttcaccgccc	gacagaatgc	1380
agaactgcga	aaggaagagc	agcacgcgac	acaaggcgcg	gaggccctc	agcgggcgca	1440
ccctccccgc	catcttgc					1458

<210> 3850

<211> 1904

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1905)...(245)

<223> similar to gi4929773 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3850

cctttttttt	ttttttaacc	ttagtttagg	taaatttaat	gactgtaaaa	gctgttcaca	60
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atctccacct	tcatgacctg	tttctcagt	ggcaggcaat	gtctcccctt	cctgttgggg	180
aggattgccc	aagtcagctc	tgaggccatc	ctctcaggtc	agcaatatgc	agaagagtcc	240
ctcagagtgg	tcctgcagag	aacatgtccc	ctaagtgtct	gagaactggc	tgaggtgatc	300
ttcaccagca	catagtcccc	aggctgggct	ctgaccctga	gccagggtt	attgacatcc	360
tccatctctg	catcagggaa	gatcacctta	aggtttccat	cattcctgcc	acacagggtca	420
gtggcagagc	gtttactgag	cccttccact	agcaccaact	gggtacagcc	cacagaggtc	480
tgattggctt	ttgttgcttc	ttctcggaag	atagtgatga	gttcctccaa	acgccttaat	540
tttacctctt	ccgggacatc	atccttcagc	ctatgatatg	cccggtgtctt	ctgtctcatg	600

ctgtaggcaa	agaggaagcc	catgttgtac	tgaacttccc	ggagcaaaga	gactgtctgg	660
acgtgatctt	cctccgtctc	accacaaaag	ccagcaatga	aatcgctgct	gaggctcaca	720
cctggaatag	attctctaata	atggtgaact	aactccacat	aagcttctct	tgaatatccc	780
ctccgcatgg	cctccaacac	acggctgctt	ccactctggg	ctggcaggtg	gatctgttta	840
cagatgttat	ctctctcatg	aatcagctgc	agaacctcat	caggaaaatc	ctgggggtgg	900
ggagaggtaa	aacggatcct	catttcagga	tctactctgg	agacctgac	cagaagatga	960
gcaaaacgaa	gtcctccttg	cttggtttta	tagttggtgg	taaagccacg	actgagattg	1020
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ccaagaagtg	tcacttcttt	cagccctgt	aatcccaaca	ctttgggagg	ccgaggtggg	1140
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tcatccatca	tgagataggg	aggtgggtct	tccacttctg	aagacagctt	ctcctgagga	1800
gctgaggcac	tttttaaaaa	atgttgaaaa	gtcgggtccag	cagccagcct	ggagctgaaa	1860
tccttccgag	ctccatcctc	ctgcctctct	ggactgggac	acat		1904

<210> 3851

<211> 4114

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4115)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (4115)...(819)

<223> similar to gi3882183 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3851

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taaaagcagc	gtctctctgg	gctggggagt	aaagggtgtg	gggcaagggg	agtggggaga	180
ggctgaaacc	ttcccccaa	ccccagtttt	agatcctttg	gtttccttct	cccagaagat	240
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tgggcaatgg	ggggggccgc	agggccttct	tgtgggctgc	atagttggct	tgagggggag	420
caggaggtta	gggggtggga	ccaggggttc	agcctactag	cctcggggcag	ggctgcagag	480
tgatttttgt	aatccagatg	aactatcaat	aattttaaag	ttgatataata	tatatgtata	540
tatatataaa	aatctcccc	ctttccctcc	ccccttagaa	gaagctagga	tgatcaagagt	600

catggagaga	ggagggggaa	ggggatgtag	aggctcctgc	ccaggggtac	ctctgatagc	660
ccaaatggtg	tatacattgc	tactcagcac	aaaggcctgt	cctagtaact	ccaggcctgt	720
cccttcattg	tccctctccc	tgggactggg	caccccatg	gactcttacc	caccctaccc	780
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tcaccgccc	cacctcctgc	taccactgag	tgtcgcttgt	ggttgccctc	ctcaccatg	1020
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gggtcaatgt	ccaaatTTTT	ggctttggaa	tatttcaaga	aggcccagaa	cttctccagc	1140
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cctgattcat	ctgatttggt	ttttggactc	tccttactat	cactcccttc	tcctttctcc	3480
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tcaccaacct	tgctgccttt	gcgctgttta	ggaacagctg	ccctcaccac	cttggtctgga	3660
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cccagttaga	tgcagccgcc	gtaaatecca	ggccactag	cggggcgggg	ggggagggaag	3900
gccccccact	ctgcagtcca	ggcctcctag	gcgtgcgtcc	ccccccgcgc	gttctctcgca	3960
agacgcccc	accccgagcc	cggcaggctt	ctagtccctg	ccctccctcc	cccccgcccc	4020

```

cggggcgccc cggtcttccc ggctcggggg ctgcagcaat atggacggac gggggagagg 4080
cgcggcgagc caagcagacc acgcgatccg cggc 4114

```

```

<210> 3852
<211> 339
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (27)...(39)
<223> similar to gi57053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3852
ccatagcctc caccttaagt aactagaaaa aggaataaat tacacaccaa acaagcaaaa 60
gataagacat aataaagatc aaagcagaaa gcaactaaat agaaaacaga aatacaatca 120
aggacatcaa tgacaccaa gctttgatgt catttgatga cacctttgag aagatcaata 180
aaattgataa accttttagct ggattgactg tggattaaaa agagaagaca gaacaatcaa 240
tggtaggaa taggtaatat cactatacta caccacaaat agtaaaagaa taataaggga 300
atactaggaa caaaattagg cataaaacat atactttta 339

```

```

<210> 3853
<211> 5059
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(4524)
<223> similar to gi473941 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3853
ggcggcgggc agccggtgcc ctgggatcat ggtggcggtg cggggccttg gtagcggcct 60
gcagccctgg tgtccgctgg atcttagact cgaatgggtt gacacagtgt gggaactgga 120
tttcacagag actgagcctt tggatcccag catagaagca gagatcatag agactggatt 180
ggctgcattc acaaaactct atgaaagcct tttacccttt gctactggag aacatggatc 240
tatggagagt atctggacct tcttcattga gaacaatgtt tcccatagta cactggtggc 300
attgttctat cattttgttc aaatagttca taagaagaat gtcagtgtac agtatcgaga 360
atatggcctt catgccgctg ggctttactt tttgtacta gaagtaccag gcagtgtagc 420
caatcaagta ttccaccag tgatgtttga caaatgcatt cagactctaa agaagagctg 480
gccccaggaa tctaacttga atcggaaaag aaagaaagaa cagcctaaga gctctcaggc 540

```

taaccccg	aggcatagaa	aaaggggaaa	gccacccagg	agagaagata	ttgagatgga	600
tgaattata	gaagaacaag	aagatgagaa	tatttgtttt	tctgcccggg	acctttctca	660
aattcgaaat	gccattttc	accttttaaa	gaatttttta	aggcttctgc	caaagttttc	720
cttgaaagaa	aagccacaat	gtgtacagaa	ttgtatagag	gtctttgttt	cattaactaa	780
ttttgagcca	gttcttcatg	aatgtcatgt	tacacaagcc	agagctctta	accaagcaaa	840
atacatacca	gaactggctt	attatggatt	gtatttgcgt	tgctctccca	ttcatggaga	900
aggagataag	gtcatcagtt	gtgttttcca	tcaaagtctc	agtgtaatat	taatgttaga	960
agttggtgaa	ggatcccatc	gtgccccct	tgctgttacc	tcccaagtca	tcaactgtag	1020
aaaccaggcg	gtccagttta	tcagcgccct	tgtggatgaa	ttaaaggaga	gtatattccc	1080
agtcgtccgt	atcttactgc	agcacatctg	tgccaagggtg	gtagataaat	cagagtatcg	1140
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tatgttcatt	gcctggcttt	acaaatactc	ccgaagttcc	aagatcccac	accgggtttt	1260
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tcgttgctta	gacaaggcgc	ctactgtccg	cagcaaggca	ctgtccagct	ttgcacactg	1440
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tacgttttct	gtaatagaga	gtcaccctgg	taccttactg	agaaattcat	cagctttttc	1560
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tggtgaaaca	gttgatctg	gagaaagatg	tgtcatggca	atgctgagaa	ggaggatcag	1680
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ctgggtccaag	aaagaaaaat	tctcaccac	ttttataaac	aatgtaatat	ctcacactgg	2160
cacggaacat	tcggcacctg	cctggatgct	gctctccaag	attgctggct	cctcaccacg	2220
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catctaccc	ctggacctgg	acgccagtga	gttactctca	gacacgtttg	aggctctcag	3480
ctcaaaggag	atcaagcttt	tggcaatgag	atctaaacca	gacaaagacc	tccttatgga	3540
agaagatgac	atggccttgg	caaatgtagt	catgcaggaa	gctcagaaga	agctcatctc	3600
acaagttcag	aagaggaatt	tcatagaaaa	tattattcca	attatcatct	ccctgaagac	3660
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tgccgtgagc	cagccctgca	cacccagggc	aagtgtctggc	catgtagcag	tatcatctcc	4020
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tcagggtgtct	tcatacagtt	tggagcaaga	gtcgaatggc	gagattgagc	acgtgaccaa	4260
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caggagccct	tgaggaagca	gtctcgtgtc	ctccgtgtga	aggccagctg	gatcacttcc	4620
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gaaagtgtca	agccccattc	cagataagcc	tataatctgg	tcctttaagg	gaacacaact	4860
ttaaaactgc	agctttcttt	tatataaatc	aaggcctctg	ttaacttgaa	ttccttatag	4920
tacatatatt	cccatctgta	atgacgaaat	tttgattcta	atattttttc	tattatttat	4980
aagggcaaat	tttttaaaaa	aagtgtacag	cttttctaaa	agtaataaag	gtttagcata	5040
aatacagcca	aaaaaaaaaa					5059

<210> 3854

<211> 1964

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (344)...(847)

<223> similar to gi4760400 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3854

attcagcatc	ttttcttctc	aagacgctga	atgtaatctt	agttgtaaat	acccatcacc	60
tgccagtcac	cgagcactca	tgcaccaggg	ctttgcgtta	tgctctaaga	tcctcataac	120
caccctgcaa	ggggactatc	atcattacct	ctgtattaca	gatggagaaa	ctgaggcaca	180
gagaggtaac	gtgacttgtc	tcaggccata	aagctgggga	aagtagtgga	gctggttttg	240
aacctgagct	gtgagacctc	agagccctaa	actctgggtg	ctgtgtgttc	ccctttcaac	300
ccagactttg	gaaatcagta	gacaccatat	gcttcaaaaa	acaggagcta	ttaaaatgac	360
atcaggagcc	agaaagtctc	atggctgtgc	tttctcttga	agtttatata	acaaccagat	420
caccgatgtc	ggagccagac	tgggaaaaaa	caaaataaca	agtgaaggag	ggaagtatct	480
cgccctggct	gtgaagaaca	gcaaatcaat	ctctgagggt	ggctctgcgt	ccaacggcat	540
ctccacagaa	ggaggaaaga	gccttgcgag	ggccctgcag	cagaacacgt	ctctagaaat	600
actgtggctg	acccaaaatg	aactcaacga	tgaagtggca	gagagtttgg	cagaaatgtt	660
gaaagtcaac	cagacgttaa	agcatttatg	gcttatccag	aatcagatca	cagctaaggg	720
gactgccag	ctggcagatg	cgttacagag	caacactggc	ataacagaga	tttgcctaaa	780
tggaaacctg	ataaaaaccag	aggaggccaa	agtctatgaa	gatgagaagc	ggattatctg	840
tttctgagag	gatgctttcc	tgttcatggg	gtttttgccc	tggagcctca	gcagcaaatg	900
ccactctggg	cagtcttttg	tgtcagtgtc	ttaaaggggg	ctgcgcaggc	gggactatca	960
ggagtccact	gcctccatga	tgcaagccag	cttcctgtgc	agaaggctcg	gtcggcaaac	1020
tccctaagta	cccgtacaa	ttctgcagaa	aaagaatgtg	tcttgcgagc	tgttgtagtt	1080

acagtaaata	cactgtgaag	agactttatt	gcctattata	attattttta	tctgaagcta	1140
gaggaataaa	gctgtgagca	aacagaggag	gccagcctca	cctcattcca	acacctgcca	1200
tagggaccaa	cgggagcgag	ttggtcaccg	ctcttttcat	tgaagagttg	aggatgtggc	1260
acaaagttgg	tgccaagctt	cttgaataaa	acgtgtttga	tggattagta	ttatacctga	1320
aatattttct	tctttctcag	cactttccca	tgtattgata	ctgggtccac	ttcacagctg	1380
gagacaccgg	agtatgtgca	gtgtgggatt	tgactcctcc	aaggttttgt	ggaaagttaa	1440
tgtcaaggaa	aggatgcacc	acgggctttt	aatttttaatc	ctggagtctc	actgtctgct	1500
ggcaaagata	gagaatgccc	tcagctctta	gctgggtctaa	gaatgacgat	gccttcaaaa	1560
tgctgcttcc	actcagggct	tctcctctgc	taggctaccc	tcctctagaa	ggctgagtac	1620
catgggctac	agtgtctggc	cttgggaaga	agtgattctg	tccttccaaa	gaaatagggc	1680
atggcttgcc	cctgtggccc	tggcatccaa	atggctgctt	ttgtctccct	tacctcgtga	1740
agaggggaag	tctcttctctg	cctcccaagc	agctgaaggg	tgactaaacg	ggcgccaaga	1800
ctcaggggat	cggctgggaa	ctgggccagc	agagcatgtt	ggacaccccc	caccatggtg	1860
ggcttgtggg	ggctgctcca	tgaggggtggg	ggtgatacta	ctagatcact	tgtcctcttg	1920
ccagctcatt	tgtaataaaa	atactgaaaa	cactaaaaaa	aaaa		1964

<210> 3855

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1190)...(79)

<223> similar to gi4929601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3855

cacagtccaa	agacatgggc	agcaacaaag	gacacacaat	gactgaaacc	attaacgtta	60
ccttttgga	tctctcagtg	ccctgagcaa	tctgtgtgtc	tacctacaga	tgggcaaagc	120
atttttgcac	cctggcccca	ttcccagttc	tcccgtgaga	actcagtcct	ccttgaagac	180
ttggatgatc	ctgtcaattg	agctcccatt	tagcggctca	ttgtgcccag	gggctcacat	240
ctgcaagtta	aaattgcttt	tatcaacatc	tgatacaatg	gttctcattt	cacataaata	300
atcacagact	tgactaaaat	gaatatatta	ttctagggtta	atttttttcc	attcaaagtgt	360
ttatactcca	tctaccaga	acaattacag	cagaaaaaat	aggcacctcc	aaagtcttcc	420
caagaatgat	gactttctga	aatgacacac	tgtacaaact	ggacaaatga	gacgactgac	480
tgtgacaggg	gccggggagc	tcttcaaggg	gccgttttct	tcaagtctcg	gatctgttta	540
atcaagtagt	tcttctcgtc	agcgaactgc	tcatcatccg	tcctttcttt	ttggaagctg	600
ctcagaaaact	caatgagttt	gggctgattt	tttaacagga	tctccacaat	aggctgtggt	660
ttgtgaggac	tggccacaaa	caccttaaaa	acatgaaagg	cttcaaactg	gatgttggga	720
cttttatccc	gaaggaggtt	catcatgagt	ttcaggttct	ccggcttgct	gatatacttt	780
gtcatgatgg	caaagtgttg	acggctccagg	atcagctccc	ctagcagctt	taaagactgt	840
ctcttagtaa	cataattctc	agactgaagc	aattttctcat	agtcttcaaa	aatagtgtcg	900
taattttgtt	ctaagaagtc	tgctaccaac	actttatgtc	tggttagtaa	atccttgaaa	960
gtagcaaagg	catctgaagc	aatatcaaat	gttgacaact	ccacgtactt	aaagaaatct	1020
ctgaattgat	tagaaaagag	gatgattttg	gcaagtgggt	catgtcgaat	acattctctc	1080
agcataatcc	cacaacgtaa	ggcaatctgt	ggggcttcat	atcctttgag	gagcataaac	1140
aggatatgag	gatgagcact	aatatactcc	acagtaggac	ttcagtgct	a	1191

<210> 3856
 <211> 360
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (49)...(145)
 <223> similar to gi995654 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3856
 gagataaccc acattgttgg agagacagct gcctttctat gccccaggct gaggtgaga 60
 cggggtggga aggatggatc cccaaagcct ggggtcttgg cctcagtgat tccagtggac 120
 aggcgtccag gtgagtagga catccagaag atttggactt ggagatgttt cccctatatt 180
 tgagtgtcca gattaagagc tggctgcct agtcatttta aaacatgctg ggaatccaag 240
 ttgggtctcc tcattttaat gatgtctagg ctgagggtcg ggccttcat tcttgagtcc 300
 ctgggctcag aagtgggtct cttccctcc tctcagggtg ctgaggaagg accccagggtg 360

<210> 3857
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (125)...(322)
 <223> similar to gi3114713 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3857
 aaaaatacta ctggtggcct tcagcagaat cccaggggcc tgatttagcc tggcggccct 60
 gcttaaagtc caggtgttgg cagagggggt gggccataac ttacctgcc tgtatactgg 120
 gggaacacag gtggagtttt ccgaagcccg gatttatgag gagacctga acattatgct 180
 gtatgaggcc caggatggcc ggggacctga caatgcgctc ctggaggcca caggcgggtgc 240
 ggcggtgcgc tcccaccacc tggacgagga ctaggagcgg aagcggatcg agcgcgtgcg 300
 gaggattcac attaagcgcc cttgggaccg ggccattctc accagtgagc aggctggata 360
 ccgagccgcc cttttttacc 380

<210> 3858

<211> 927
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (925)...(655)
 <223> similar to gil389766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3858

cgggttgagt	tgggtatcca	gggtctacac	tgctcatggg	ctagaggaga	gagttgccag	60
aattccgatg	gttaaccttt	catatctgtg	aacgctaact	accccttttag	gtcaccaatc	120
ccaagggata	aatcaaccac	ccgggcacat	cataatcaaa	ccaataaaaa	ccaaagacaa	180
agattcctga	aaataactcag	agaaaaataa	catgtttcat	acaggggaaa	tattacttta	240
atggctgcac	atttctcatc	agaaaccatg	gaggctgaaa	gaactgtcaa	cacagtagtt	300
tatatccagc	aaaaatatct	ttcatgaatt	aaggcaaaat	aaagacattc	tcagatgaag	360
aaaaaataag	agaattaaat	gtcaacagac	ctgcactaaa	agaaattttc	cagatgaaaa	420
ggactgatac	ctatgtaaac	ttggaacatc	aagaattaag	gaagattaat	acaaatgata	480
aatattgtgg	taaatgtgac	agactgtttt	cctcttgggt	tcttaaaaaat	atctatgata	540
gttgtaagga	aaaaatacat	tatctgatga	gtcttatttt	ttatttttat	tttttgagac	600
acagtgtcta	gctctgtcac	tcaggctgga	gtggagtgga	gtgatcttgg	ctcactgcaa	660
cctttgcctc	ctgggctcaa	gtaatcctcc	cacctcagcc	tcctgagtag	ctgggaccac	720
aggaacatgc	caccacgcct	agctaatttt	gtgtattttt	tgtagagttg	gggtttcccc	780
acattgtcca	ggctgggtctc	gaactcctgg	acttaagcaa	tctgctcgcc	tcggcctccc	840
agtcctggga	ttacaggtga	gccactgtgc	ccagccaagt	cttatgattt	ataagaaaat	900
tataacataa	aggggagagg	gtaaagg				927

<210> 3859
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(9)
 <223> similar to gil619929 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3859

aaatttttta	aatgtgcaag	accgctatat	aggaagctac	aaaaaaaaagt	actgaaaaaa	60
attaaggaca	acataaataa	atggagggat	ataccgtggc	catggattag	aagactcaat	120
atcataaaga	tgctcagttct	cctaaaattc	atctaattgat	tctaacaatg	taatctgaat	180
gaaaagatat	tcaaaatgaa	aatcaaagca	catggagatg	aaaagtttta	acattctaaa	240
taaaccagat	ctaggtaata	aaggaaatca	aaaccacat	ctcagactat	ttaaaaaatg	300
caaaagtgag	atcactatcc	attaaaacct	gtggggatttg	ccaaaaccgt	actcaaaaga	360
aatgtaaca	gcgg					374

<210> 3860
 <211> 428
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(167)

<223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3860

tgatagaaaa	cataactaaa	aaagtagaag	acactgttaa	atttgaatct	ggatcctata	60
tagcttcttc	tctgggatct	actgaggagt	gaaatctaaa	tgaagattta	gcttagaaaag	120
catgaagata	gtatgttcca	attttaaata	aaaattatat	tgtctgaaag	acaatacaat	180
tttagtactg	ggggaaaaaa	aactagattg	ttatttgaag	aagaaaacat	catggttctc	240
tccaggttta	aaatgggtgc	tcccatgtag	gctgattttc	ccggcatttg	atcttaactt	300
gaaggccatc	tgcccagccc	agcaatcaaa	gggctgctaa	gctgtccttg	gcagcctcta	360
ctgggcaaag	ctgtgcatat	aactctgaag	aaagggagat	cttttaatgt	tgcggacgcg	420
tgggtcgg						428

<210> 3861

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (790)...(488)

<223> similar to gi2613008 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3861

tttttttttt	ttcttcagca	ttgtgtttta	ctttttggga	gagaggctag	gaggaggaag	60
gggtgaaaac	agcatctcac	tggagtctca	aaagtgtatg	aatcttctgg	tagtgcaagg	120
atgggataag	atggccaggg	aagtcagatg	gaaaatcccc	aagattcttt	ttgctactga	180
tttctataat	taaaatatga	catatgtaag	ggactagtgc	atgatattca	ataaatgtca	240
gttgtctttc	ctaactaggt	tcctcacagg	ctaggttatg	cctagatatc	atcatcctcc	300
tttcagggaa	tgaagctcac	ctagaaaact	agggaaactaa	aagtgcataa	tggtttgggt	360
aatgcagttg	gttagctgtc	tccccatcct	cccaactcac	tattccaggg	aggggctgaa	420
aacagaagtg	gctcccctga	agtctagtta	gcatgtcatg	acagagtcca	catgaagggc	480
tgtgggctgc	aactttctag	tgcacagtcc	tctctttttg	gcgatgataa	ttgtagggaa	540

agaagcgac	acgcatgctg	atttcacgag	ctgtcttcag	gatctcaaca	gccttgetgt	600
gctcaatc	ttggaaatcc	acatcattca	cagctagaac	ttgggtccct	tcctgcagtc	660
ctgctctatg	tgcatcagag	tcaggaatca	ccttgagat	gaagatgcct	agctgggagg	720
cctttcctcc	tcggatgtta	aatcccaact	gagctccagg	aggcttcttc	agtgtgatgg	780
ttcggggcag	aaactgggtc	aactcattgt	tgtagtccgg	gtggtgtacc	ctctcatgag	840
gaggaatcca	tgctggagga	ttctcatagg	caggcaagaa	aaccaccggg	tagtcatcat	900
aaggaatccg	gctgtccatc	tcgggcaagg	cccagtgggc	agtccacagc	gacctcagac	960
tccgctcaca	cgaaatcgtc	gacccg				986

<210> 3862

<211> 1364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (140)...(1183)

<223> similar to gi3298472 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3862						
gaatggacat	gtaaaattta	gttacattcc	aggggaatttt	caggtgaaaa	ttagtagata	60
gttaatatga	aaattttata	tgaattcata	ttttttcttg	gacaatatgc	taatatttat	120
tgatttcaca	aattttacagc	atatgggtga	ttttggaagc	attcatagac	ccggaattgt	180
tgttgactat	caaaacaaat	ccaccaatgt	gacagttgct	gctgcaagag	gaataaagag	240
aaaaatgatg	cagccattta	ataagcccag	tggaaccttt	atcaagaaac	ccaaactagc	300
aaaacctatg	gagaagataa	gcctcagcaa	atcacccaca	aaaactgatc	ctaaaaatga	360
agaggaagaa	aagcggcgaa	ttgaggctcg	gcgagagaaa	caaaggcgca	gaagagaaaa	420
aaacagtgag	aaatacggag	atggatacag	aatggcattt	acatgttcat	tttgtaaatt	480
tcgaacattt	gaagaaaaag	atattgaact	gcctctggaa	agttcttcac	atcaggaaac	540
attagatcat	atacagaaac	aaactaaatt	tgataaagta	gttatggagt	ttttgcatga	600
gtgtatggtg	aataaattca	agaaaacatc	tattcgtaag	caacagacaa	ataatcaaac	660
agaagtagtt	aaaataattg	aaaaagatgt	tatggaaggt	gttactgtag	atgatcacat	720
gatgaaggta	gagacagttc	attgcagcgc	ttgcagtgtg	tatatccctg	ctttacatag	780
ttcagttcag	cagcacttaa	aatctcctga	tcatatcaaa	gggaagcagg	cttataagga	840
acaaataaaa	agagagagtg	tcttgactgc	tacaagcatt	ttaaataatc	caatagtga	900
ggcgcgatat	gaacgttttg	ttaagggtga	gaatcctttt	gaaattcaag	accattctca	960
ggatcagcaa	atagaaggag	atgaggagga	tgaagagaag	attgatgaac	ctattgaaga	1020
agaggaggat	gaagatgagg	aagaagaagc	agaggaagt	ggggaagtag	aggaagtgga	1080
agaagtagag	gaagtgaag	aaggaggaat	agagggcgag	ggaaatatac	agggagtagg	1140
ggaaggaggg	aagtaggggt	agtgggagaa	gtcaggggag	tgtgggttgt	gctggatgtt	1200
ttgtaatccc	ttaaacattt	tatgatgtac	tcttttagtg	tatatgcatt	ttcttacttt	1260
tgttattact	gtgtcccttg	tgtatgactg	ctcttatatg	tttatggaga	ttgaacacgt	1320
tcactttcca	gcttatatgt	actttatact	gacttgttct	tttt		1364

<210> 3863

<211> 2388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(983)
 <223> similar to gi3047191 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3863
cggacgcgtg ggctgggagc tgtggtgcat gtacatcagc ccccaaaaag actggtggga      60
cgccggagac ccttctctcc ccatcaggac ccagccatg ataggctgct cgttcgtggg      120
caacaggaag ttcttcgggtg aaattgggtct tctggatcct ggcattggatg tatacggagg      180
agaaaatatt gaactgggaa tcaaggtatg gctctgtggg ggcagcatgg aggtccttcc      240
ttgctcacgg gtggcccaca ttgagcggaa gaagaagcca tataatagca acattggctt      300
ctacaccaag aggaatgctc ttccggttgc tgaggtctgg atggacgatt acaagtctca      360
tgtgtacata gcgtggaacc tgccgctgga gaatccggga attgacatcg gtgatgtctc      420
cgaaagaaga gcattaagga aaagttaaaa gtgtaagaat ttccagtggg acctggacca      480
tgtttaccca gaaatgagaa gatacaataa taccgttgct tacggggagc ttcgcaacaa      540
caaggcaaaa gacgtctgct tggaccaggg gccgctggag aaccacacag caatattgta      600
tccgtgccat ggctggggac cacagcttgc ccgctacacc aaggaaggct tcctgcactt      660
gggtgccctg gggaccacca cactcctccc tgacaccgcg tgccgtgggg acaactccaa      720
gagtcggctg cccagctccc tggactgcga caaggtcaag agcagcctgt acaagcgtg      780
gaacttcacg cagaatggag ccatcatgaa caagggcacg ggacgctgcc tggaggtgga      840
gaaccggggc ctggctggca tcgacctcat cctccgcagc tgcacaggctc agaggtggac      900
cattaagaac tccatcaagt agagggaggg agctggggca ctggagcctg gccccagga      960
catggctgct cccccaaca tctggaccag ctgccctggc ggagagacag caaggggccg     1020
gcagggtgct gatgggcccc ccagggttcc tccagggcag cacagggacc ccgatgaag     1080
actctgtccc cctcaggca ttcagctgcc cacaagtttc ctgcaccctg gaaaagcccc     1140
ccacccttcc tctgggaaac tgacagctgt cttccacagc ctctgatgtg gacctggtac     1200
tgaggagcaa gactgtccag ttctcctcca catctcccat cccagaatca ggatctggga     1260
ctggcagggt cccctcctgt gtctcatctc ttgcagcagc agctgctgaa ctccagccat     1320
caacacggtg ggaggcagcg ggggcttcag ccatgtccta gctccccgcc ctaaaaggag     1380
gcagtgagga ccaggcacta tttcctcga ggttacttct acccagatga cacctgcctg     1440
ttcacgcccc aaggcagcta ctgcccctaa ccttcccac cagggtagct ttgggactg     1500
cagctctgga cttttctggc ccctcctgag atgacctgat ggagctgatg ctttctctcc     1560
taatccctgg gcactaggct cttatcaggg tgcttggggc agctctcctg cctgtgtcta     1620
gaggaagcca gagacagaaa taggctaagc ctgcagtagg atctcagcca caagggcccc     1680
gcaggatgga gctgggtcaa ggaccaggga gccctgactc ccagaggctg ccaccgggga     1740
gaagcagcgg tcctccatcc agaaccctaag ggctgaagca aaggctgcca ggacccttga     1800
agatgctttt ggctcacctc atttcacccc acgctctgct ggctggcaga ggagaaggca     1860
gtcgtttcct ctctgaagag tatttttttc gattgccctc tggttagggt gcacataata     1920
atcagagtta atatatgaac gcgtgtgcat gcacaagtgt gtgtgtgcct gcgtgctgtg     1980
cgtggcaggg tgtgtgtgtg tgtgtctggc tgtgcgttcc ggagtgtgtg acgatgctga     2040
ctctagcatg tggggccttg ggcttgctgc ttcattactc accctggatg gggacgaggg     2100
atgagaaggg tgtgggtttg gccccatgt cactggccgg aaggatgtgt ctacgccctg     2160
ccctgtgggg tgcccccgat gggaggctgt cccatctccc agtccccatc tctttttccc     2220
cacactgtcc ctggccaagc cctgcccaga gctgaaccct gtagctgccc ccttgccctg     2280
tgtgggatcc gcagtgtctc atttggtgac gtcttactgg tgatcatctc ctcaccccat     2340
ctccaacctt gtggaataaa tacatgttag cacttcccaa aaaaaaaa     2388

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<210> 3864
<211> 1773
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1755)...(1167)
<223> similar to gi2851769 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3864
taccaatttt atttcattaa tttatttgct attttaatat ttttaagaaac tacatttttaa      60
tcacatagac aagcagataa gtaaggcttc ttctaccagg tgggcttatg aaatgcaaaa      120
taagcaaaag gagcattttt ttgctcccca cagaggcaaa gacatctttt aacctaaactc      180
tcctaagtca tgatgggtaa caaacccaaa atgaatgcag gttcacatgt actataattg      240
ttgggagtcg aatgcagtga ttcttcagggt tcacttctgg aaatttagat aacttattta      300
ttacacgctt tatttgagtt aaagataaga aaacaatata cttttaatgt aaattgctat      360
ggcaatgtag tttacagtaa ttctttttat atatacttcg tattattctt ttagacattt      420
tataaggaat aaagctaatt gtatattaag ttttaacaata atcagaaaat attctccaaa      480
agaatttcct gaagtgggct tgctaggtat aaagctcata attgtcaaga tacttacatt      540
agggacatga acccaagtcg ttaaataaaa ataagatatt tgtaaaaaag tgctatagaa      600
gaaggtgcac aaaaaacatg cacttacaca tactttccaa aaggatgtaa actgtacttt      660
taggcactgt catctcttca aatttccttt accaatgata tatagcacia tttttgatgt      720
ctagatgggt ctgtaggaag atgactaagg caaccacgtg cagaaaagca tgtgtgtgat      780
gcacagaaaa tataaagatt gcattccaaa agtgaagggtc tgcaatgata gtttgttatc      840
tgaaagggtt ggagtggtct gtcattaaaa aatgaaatat atgccactgg agtcatatca      900
caaatgggtg ctgatgtgga cactctacct ttaaaatgac tttttaaaca ggcagacatt      960
tctatgctgt tttatagggt gctatgtgac ttcagtactt tataataaat agccagtcaa     1020
tcttgagagc cagctacttc tcttaaacc c aagtacaaga tataaatatt caaaatattg     1080
aatgtttaac atagagactc gaatgaaaa atgacaatct tcaaaattcc ccatgttttg     1140
tcatattgca tagctgaaaa ttcacttact acttagtaaa aagtgtctctg ttcattcaag     1200
ctgaattttg ctccagtcct cttcagtttc catctttcat actgaatagt ggatccacaa     1260
gtttatttgg cacatgcatt agacctttaa agtatttcac agttttaact cttaattcta     1320
aagtagcatc ttcacgcatt acaaaaatag tccggggatg ctgctggaaa gcggaaacag     1380
tccacatgtg attgactcct tcttctattg ctttgtacag ggcaaatgcc ttgtgtgccc     1440
ctgttataag gatcattact tctctagcat ccatcactgt cccacacca acagttagag     1500
ccatagttgg cactttttgat aaatctccat caaaatattt ggcatttgcc aagatgggat     1560
ccattgctag agtctttaat cttgtccttg acactaaact ggatccaggc tcattgaaag     1620
cgatatgacc atctggacca attcctccaa caaaaagatc tattcctcca gcttctttta     1680
ttttgttttc aaaagcatca cattctgctt gtaaactctgc agcattcccg tcaaggatat     1740
gtgcattatc ccacgcgtcc gccacgcgt ccg                                     1773

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<210> 3865
<211> 333
<212> DNA
<213> Homo sapiens

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<220>
 <221> misc_feature
 <222> (9)...(246)
 <223> similar to gi312969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3865
 atcacatatt gacgatcgct ttccgtatct atgacaagga tacagacggc tatattgggt 60
 atgggtgaact catccgggta ttgaagatga tgggtgggta caatctgaaa gatacacggt 120
 gactgcaaat tgtatactaa accataataa atgctgatta ggatggagat ggaagaatat 180
 cctttgaaga attctgcgct gtcggatgtg gcctagatat ccacaacatg atgggtggtag 240
 atgcgtgact cttatcagac agtaccaccc atcacttttg ctttcttcta catctctgaa 300
 gatctgcgtc ggacgtccag caatgctctt tcg 333

<210> 3866
 <211> 2145
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (59)...(61)
 <223> similar to gi2654365 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3866
 gagtaaagca aagagaaaagg aagcaggccc gttggaagtg gttgtgacaa cccagcaat 60
 gtggagaagc ctggggccttg ccctggctct ctgtctctc ccacgaggag gaacagagag 120
 ccaggaccaa agctccttat gtaagcaacc cccagcctgg agcataagag atcaagatcc 180
 aatgctaaac tccaatgggt cagtgactgt ggttgctctt cttcaagcca gctgatacct 240
 gtgcatactg caggcatcta aattagaaga cctgcgagta aaactgaaga aagaaggata 300
 ttctaataatt tcttatattg ttgttaatca tcaaggaaatc tcttctcgat taaaatacac 360
 acatcttaag aataagggtt cagagcatat tctgttttat caacaagaag aaaaccaaac 420
 agatgtcttg actcttttaa atggaagcaa agatgacttc ctcataatag atagatgtgg 480
 ccgtcttgta tatcatcttg gtttgctttt ttcttctcta actttcccat atgtagaaga 540
 agccattaag attgcttact gtgaaaagaa atgtggaaac tgctctctca cgactctcaa 600
 agatgaagac ttttgtaaac gtgtatcttt ggctactgtg gataaaacag ttgaaactcc 660
 atcgctcat taccatcatg agcatcatca caatcatgga catcagcacc ttggcagcag 720
 tgagctttca gagaatcagc aaccaggagc accaaatgct cctactcatc ctgctctctc 780
 aggccttcat caccaccata agcacaaggg tcagcatagg cagggtcacc cagagaaccg 840
 agatatgcca gcaagtgaag atttacaaga ttacaaaag aagctctgtc gaaagagatg 900
 tataaatcaa ttactctgta aattgcccac agattcagag ttggctccta ggagctgatg 960
 ctgccattgt cgacatctga tatttgaaaa aacagggtct gcaatcacct gacagtgtaa 1020
 agaaaacctc ccatctttat gtagctgaca gggacttcgg gcagaggaga acataactga 1080
 atcttgtcag tgacgtttgc ctccagctgc ctgacaaaata agtcagcagc ttatacccac 1140
 agaagccagt gccagttgac gctgaaagaa tcaggcaaaa aagtgagaat gaccttcaaa 1200
 ctaaataattt aaaataggac atactcccca atttagtcta gacacaattt catttccagc 1260

atTTTTataa	actaccaaat	tagtgaacca	aaaatagaaa	ttagatttgt	gcaaacatgg	1320
agaaatctac	tgaattggct	tccagatttt	aaatTTtatg	tcatagaaat	attgactcaa	1380
accatatttt	ttatgatgga	gcaactgaaa	ggggattgca	gcttttggtt	aatatgtctt	1440
TTTTTTtctt	tttccagggt	tctatttgct	ttaatgagaa	tagaaacgta	aactatgacc	1500
taggggtttc	tgttggataa	ttagcagttt	agaatggagg	aagaacaaca	aagacatgct	1560
ttccattttt	ttctttactt	atctctcaaa	acaatattac	tttgtctttt	caatcttcta	1620
cttttaacta	ataaaataag	tggattttgt	attttaagat	ccagaaatac	ttaacacgtg	1680
aatattttgc	taaaaaagca	tatataacta	ttttaaatat	ccatttatct	tttgtatatc	1740
taagactcat	cctgattttt	actatcacac	atgaataaag	cctttgtatc	tttctttctc	1800
taatgttgta	tcatactctt	ctaaaacttg	agtggctgtc	ttaaaagata	taaggggaaa	1860
gataatattg	tctgtctcta	tattgcttag	taagtatttc	catagtcaat	gatggtttaa	1920
taggtaaacc	aaacctata	aacctgacct	cctttatggg	taatactatt	aagcaagaat	1980
gcagtacaga	attggataca	gtacggattt	gtccaaataa	attcaataaa	aaccttaaag	2040
ctgacttcgt	ttgttatgta	ggctgtatgc	atatattgaa	aacagaagtg	aaactttcga	2100
ttgcttttaa	ataaatactt	tactaatgaa	tttactgcta	agctc		2145

<210> 3867

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(370)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (359)...(119)

<223> similar to gil76990 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3867

TTTTTTtgcc	ggcactcag	actttattct	aagaccagga	agggccggtg	caaggagggg	60
aggagggccc	gatgggaggc	ccaacgggct	agaggaacgg	gtaccgacgc	tccagcttaa	120
cggatttcgg	aggtcatcac	ggagctcaca	gataccagga	actgggtccag	gaaggcgtgc	180
accgcagggg	tgaacttgct	atgctggatg	tggcctagg	tatccaccca	tgctgggtcta	240
atgagctggg	tattgaccgt	agccatccta	aatgcgtacg	caagcaagat	gcttatgact	300
gcagctcctg	tgcattgacct	ctgagacgcc	aacactgatt	acgtcaaagg	tcccgttttg	360
gggtcccan						369

<210> 3868

<211> 2734

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (223)...(1079)
 <223> similar to gi2315451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3868

cagttaataa	tcaactgtac	ctaattgggc	attcacttgt	ggacctcttt	tctgccaaact	60
aaagaaaaat	tgagctgctt	tactcctctg	ccttcccacc	cagaaaccgt	gtcagcatgg	120
ttgcctggct	acctgctcat	gaaggacttg	attaatagca	aattggcaat	ttaacgagcc	180
acttccatga	tctccaaaga	aaccaaaata	caaacacaat	atttaatctt	gccaaaccgaa	240
gacgatgtga	ctgcatgaag	tgcccttcgt	tttaaaagaa	agattatttg	attaaaagat	300
gagttttaca	accgctacat	aatgaaaagt	tttttgtttg	aaccagtagt	gaaagcattt	360
ctcaacaatg	gatcccgtca	caatctgatg	aactctgccca	taatagagat	gtttgaattt	420
attagagtgg	aagatataaa	atcattaact	gctcatgtaa	ttgaaaattt	ctggaaagca	480
ctggaagatg	tagattatgt	acagacattt	aaaggattaa	aactgagatt	tgaacaacaa	540
agagaaaggg	aagataatcc	caaacttgac	agtatgcgtt	ccattttgag	gaatcacaga	600
tatcgaagag	atgccagaac	actagaagat	gaagaagaga	tgtggtttaa	cacagatgaa	660
gatgacatgg	aagatggaga	agctgtagt	tctccatctg	acaaaactaa	aaatgatgat	720
gatattatgg	atccaataag	taaattcatg	gaaaggaaga	aattaaaaga	aagtgaggaa	780
aaggaagtgc	ttctgaaaac	aaacctttct	ggacggcaga	gcccaagttt	caagctttcc	840
ctgtccagt	gaacgaagac	taacctcacc	agccagtcac	ctacaacaaa	tctgcctggg	900
tctccgggat	cacctggatc	cccaggatct	ccaggctctc	ctggatccgt	acctaaaaat	960
acatctcaga	cggcagctat	tactacaaag	ggaggcctcg	tgggtctggg	agattatcct	1020
gatgatgatg	aagatgatga	tgaggatgaa	gataaggaag	atacgttacc	attgtcaaag	1080
aaagcaaaat	ttgattcata	ataatggcaa	cggcctagga	tcagtacctg	ttgaaaaaaa	1140
ctggttctcc	acccctcccc	catacaaaat	ccacaacaaa	gcgcagtggt	ctcttgtgaa	1200
tgactgacac	agatcagcct	cttacacttg	acttctgctc	atcaagtgcc	aattcaatgg	1260
agcaggagga	ggggatatca	tatatattag	ggaaagactt	aagcctttga	gctctccagc	1320
ttggaccaca	cattgccctt	ttctcagggg	aggaaatgga	aacaaaaagc	caacagggga	1380
ggggttttgt	aagtggaaact	ctggattgac	tggtcagttg	ctacaatcag	aatatgcttt	1440
cttggaccat	gtttgagact	cagaagaatg	ggcctttctg	ccataattct	tcactagtca	1500
agaatgccag	cagtttcttt	gtataaagag	acctgccttt	aaaatcatac	attctgaaca	1560
ttttagtcaa	gctacaacag	gtttggaaaa	cctctgtggg	ggaggggcga	gtataaagtt	1620
ttctctcttt	ttaactgttc	cctttgccct	tcaaactgca	gatatttttt	tttttaaggg	1680
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taattttttt	gttttatatt	gtttttgatt	ttttttttcc	tcccctgagt	gtatgcttag	1800
ttgttgagta	tatatatttg	ggaccattaa	aacttttttt	gatgtaatat	aacctaacgt	1860
tgtgctggta	cctgtttttac	catgtgtaat	ttttgttcta	catcacagtt	cttaatttgt	1920
ttagagtttt	atgaaagatg	gtatagtttt	tattgacaaa	agcaaagtaa	tcttacaact	1980
atgtgcatac	aaaagcaata	cctattttgt	gactaaatat	tttatattaa	aatttacatc	2040
agcaactgtc	ttgagaattc	agggaaatag	aatggaattt	aaaacttcaa	cagttttgtt	2100
aaatctagaa	acatgaaatt	agtattccaa	agagattctg	aaatttcttt	tcttggggaa	2160
atgacgggta	cattaaatca	aaattgagga	tggatgattt	aaaaacattt	tgacttttta	2220
ataataaaaa	gaaaagtga	gagtaagaga	aattgtatta	gttgatgttt	tcttgttttt	2280
gttttttaact	actccctttg	gaataccagt	ttgacttgta	agtgggtggt	tctaaataaa	2340
tacctggcca	gaggaccatc	acctgtcacc	ttattaaaaac	agtattttta	aataggttct	2400
ttttgttgtc	ttagatgtga	tcaaattatt	tcaaggaaaa	tgaaaataat	tctacttacc	2460
ctcacttttt	aaagtgaaga	gtttagacct	taagaatata	ttttcaaagt	tgaataaaac	2520
ttcatatcca	ggaaaggatg	ctatttttaag	tatcatatac	tttaagagta	tctagcaagc	2580
gctgtgtgct	tctctgtctt	gtcttgttta	ttcctcagta	aattacaatg	gtggtaccaa	2640
aaacaagact	atactgcata	gttggataga	aaaccagaaa	gtgtcaactt	gctccagtca	2700
ttaaaagttt	tattattggc	tgataaaaaa	aaaa			2734

<210> 3869
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (297)...(170)
 <223> similar to gi4160384 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3869

tatgggttaa	atatattata	tttaatttat	atctaattta	tctataaatt	atatataata	60
tatactttta	caaataaagt	acatatttgt	ttataatgta	taaatatatt	ataaatatat	120
aatataattt	attatatatt	ataattaata	taattatata	ttacgatata	aatacataat	180
tataatatag	tatatatgta	taatataata	tatgtaatat	ataattatat	attataaata	240
tacaatataa	ttatatatac	gtattaaata	catataaata	taattatata	taatagac	298

<210> 3870
 <211> 325
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(211)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3870

tcgattaaac	cacctttgtc	acactgactg	agcggcactg	tgacctgctc	gtcgtgcac	60
ctgagaactt	cattgcttct	agacctacgt	tgctggctct	gttttacttg	gcccatact	120
ttggtaaaga	attcacctga	ccatggcacg	ctggctatat	aaaagtgggtg	actggagtag	180
atatagccct	gatccacatt	tatcacttaa	ctcgttttct	tgctgaccaa	actatatcat	240
agtacctttg	ttccctaagt	ccaactacct	agctggggga	tattatgaag	ggccttgagc	300
atctggattc	tggtcgacgc	ggccg				325

<210> 3871
 <211> 1028

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(879)

<223> similar to gil3006 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3871

gtggcggaat	tggagaccc	cattctatac	caacacctat	tctgattttt	cggtcaccct	60
gaagtttata	ttcttatect	accaggttc	ggaataatct	cccatattgt	aacttactac	120
tccggaaaaa	aagaaccatt	tggatacata	ggtatggtct	gagctatgat	atcaattggc	180
ttcctagggt	ttatcgtgtg	agcacacccat	atattttacag	taggaataga	cgtagacaca	240
cgagcatatt	tcacctccgc	taccataatc	atcgctatcc	ccaccggcgt	caaagtattt	300
agctgactcg	ccacactcca	cggaagcaat	atgaaatgat	ctgctgcagt	gctctgagcc	360
ctaggattca	tctttctttt	caccgtagg	ggcctgactg	gcattgtatt	agcaaactca	420
tcactagaca	tcgtactaca	cgacacgtac	tacgttgtag	ctcacttcca	ctatgtccta	480
tcaataggag	ctgtatttgc	catcatagga	ggcttcattc	actgatttcc	cctatttcca	540
ggctacaccc	tagaccaaac	ctacgccaaa	atccatttca	ctatcatatt	catcggcgta	600
aatctaactt	tcttcccaca	acactttctc	ggcctatccg	gaatgccccg	acgttactcg	660
gactaccccc	atgcatacac	cacatgaaac	atcctatcat	ctgtaggctc	attcatttct	720
ctaacagcag	taatattaat	aattttcatg	atttgagaag	ccttcgcttc	gaagcgaaaa	780
gtcctaatag	tagaagaacc	ctccataaac	ctggagtgc	tatatggatg	ccccccaccc	840
taccacacat	tcgaagaacc	cgtatacata	aaatctagac	aaaaaaggaa	ggaatcgaac	900
cccccaaagc	tggtttcaag	ccaaccccat	ggcctccatg	actttttcaa	aaaaaaaaaa	960
aagagggagg	cccgtcttag	agattccttc	gagggcctcc	aacttacgcg	tggtggcaaa	1020
tattagtt						1028

<210> 3872

<211> 304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (305)...(67)

<223> similar to gi950115 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3872

attaatcctg	ccaacaatatt	tttaattacg	tacaaagatc	tgacatgtca	cccagggacc	60
catttcaccc	aatgctctgt	ttggccgcc	gtcttttgac	tctctcttca	acaatgggtga	120
ggcggatacc	ctttcctccg	ggaagagaaa	tccatggttt	ggtgcccttg	ccaataacca	180
aaatggttga	aagtcgagtg	gcaaagctgt	tgccattggc	atctttcacg	tgaaccacgt	240
cataagatcc	agggtgcctc	tatctgctgg	tgatcacacc	aagtcttctc	aggtttagcac	300
ctcc						304

<210> 3873
 <211> 335
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(272)
 <223> similar to gi5649170 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3873

ggcacgagcc	caccagacc	tagttcctca	agatggttga	ctccggaggc	cagccccagc	60
tgactcagcc	aggctagctg	accgaggcct	tctagcactt	tctgcgaggc	atgggctaca	120
tggtctcatc	ctgcatgact	cgcctgtccc	ggtctcgaac	agcctctatg	accagcgcat	180
gatacattga	cggcgaccga	gcccgatatc	taaccctgta	ccagagcacc	gagtctggaa	240
ctctttcttc	tgggccacca	gcgctcacgc	atggcggtct	gctgatgaaa	ggccttgtt	300
gccctaaaga	gtgaccagc	cctcacctcc	cccag			335

<210> 3874
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1208)...(1217)
 <223> similar to gi1045251 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3874

tttttttttt	ttggtatttc	tggatggttt	aatcatgaat	ggcggtaggc	agtgtgaagaa	60
aaaagttcct	agagcatgat	aaaccttggg	ttctggcaca	ggataaacct	ttcatttcat	120
ggtgtacatt	tcacaatatt	aaaaaaaccc	cagcctggtt	ttcatgatta	aagccgtggg	180
gaaaggacaa	tgtttccagg	gagcaacgac	tcgcaagcac	acccctggg	gctgtgcggt	240
ggccgtcggc	ggggccagct	tcaaagtcca	accacaagg	cacaggtttt	caaattctta	300
cctctgtgta	caagaacgta	catgaacttt	aaaaacgtgt	gtttcctcgt	ctgtgtttta	360
caccctaacg	atgatcagtt	tgggggagac	gtaccctcc	ctaatacacag	gtaggaccac	420
ttcccaaata	aatgaaacga	ccgtcctctt	ttgtgtcttg	acttcagggtg	tccggccgaa	480
cgacggagtc	ttttcctttc	ttgtcgatgc	agtttctcag	cctcctgttg	cttcttctgc	540
tgttcagacc	tctttaacgt	gaatgtcaat	tgtttgctgc	caacggtggt	gtcggataca	600
ctcaatgtcc	catttttttg	ttcaattttc	aaacgatctt	caagggtttt	gttcatcagt	660

ttctgctttg	tggcagaatc	tttgaagctt	ctaaattctt	ctcctgcttt	gatctcataa	720
aactggggct	ttaggactgt	ctgctgggtc	tccttgagtc	gttcctgccg	cttcactttt	780
tcctcctgct	ggaggagtct	gcgttgcttc	ctgacctctt	caaccaggc	tttttcata	840
tctgaactct	ccgaactttc	tgcatacact	ggttttcctt	ccggctcttc	ctcctcttct	900
ttttcacgaa	gttcttggtg	ctctaagagt	cttagtttct	tcttcctttt	ttcactaatt	960
tttgaaacaa	gtggattcag	aagcctaaat	tcttcactct	cttcactctac	ttggaagtca	1020
gggttctcaa	acataacttt	aaatcgatca	tcggtgagaa	tattaggaag	actcttaact	1080
ttctttttcc	atgtagattt	ctgcttctcc	tcttcttctt	caattaattt	aagtgccagc	1140
tctttgttaa	cttttggtgaa	tttctttaac	tggactctct	gtgcacgtgt	ttcttctatg	1200
ttgcgtggta	gcgtatctat	g				1221

<210> 3875

<211> 360

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(22)

<223> similar to gi763431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3875

ggcacgagta	aacctcttgt	ggaagagcct	cagaatttaa	tcaaacaaaa	ttgtgagctt	60
tttgagcagg	ttggagagta	caaattccag	aatgcgctat	tagttcgta	caccatgata	120
gtaccccaag	tgtcaactcc	gactcttgta	taggtctttt	gattcattta	gatttgagtg	180
tatgtaatgt	cttattttatt	agtttttaag	aatatttggt	attgttcttt	atattttggt	240
ttatgtttct	gataattctt	ttttttataa	taatttatta	ttcattattt	tcctgttctt	300
ttatgatgct	tatgttgatt	ttttttctca	attcttttat	tttttattat	ttttgtgta	360

<210> 3876

<211> 335

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(276)

<223> similar to gil90074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3876

ggcacgaggg	cctttgtcgg	tcgctacaag	cctgatgagc	agccctaact	gatgccacgc	60
------------	------------	------------	------------	------------	------------	----

catgacgtcc	ctactttgac	catcaacata	ctcctgagcc	gagtcggggt	ggattacgac	120
ggcttacgct	gtcgatatct	gcgctacaac	tgttccatac	gagccccacg	gaaaggctga	180
accctcatgc	gccctggaca	actaacgcat	taccatgagg	ggctactcat	gaccaggggc	240
accgctaca	tcgcacactc	cttcgtcgaa	ccctaattgg	gcaggcctga	ccctcttgga	300
cctttcatct	ttgccgagca	ccattgccca	gcagg			335

<210> 3877

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (302)...(601)

<223> similar to gi3114596 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3877

gcacgagccc	agctgaaggc	aataagctgg	gtcaccgct	gcagcagagt	tctgtgctag	60
ccgggcatag	ggcgagaga	aggcccagag	gcgacgtcag	agagaagcaa	ctgcgccccg	120
gtgaagagaa	gctcgcccat	caccggctgg	gagccagctt	tcagtgaaga	tggcagggcc	180
agaactgttg	cttgactcca	acatctgctt	ctgggtgggc	ctacccatcg	ttatcactct	240
tcgtagacat	gatccgccac	tacgtgtcca	tcctgctgga	gagcgacaag	aagctcacc	300
aggaacaagt	atctgacagg	ggacgaggca	cccacagtcc	ctctcccata	agcctgccaa	360
gaagattgat	gtggcccgtg	taacctttga	cctgtacaag	ctgaaccac	aggacttcat	420
tggctgcctg	aacatgaagg	cgacttttta	tgatacgtac	tccctttcct	atgatctgca	480
ctgctgtggg	gccaaacgca	tcatgaagtg	agcaaattgg	ggtttcctgg	ggacaaggga	540
agctctccac	tgggcccttt	tcagcatgca	agccacgggc	cacgtgctgc	ttcacctcct	600
gttacctgca	gcagctcctc	gatgccacag	aggaaggcca	tccccccaag	ggcaaggcct	660
catccctcat	cccgaacctg	ctgaagatac	tgcaagtga	gcccaagccc	tagctttccc	720
cagtgaagga	ctagactagg	ggccccacgc	tcaactggta	gtggccc		767

<210> 3878

<211> 334

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(265)

<223> similar to gi5678958 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3878
ggcacgagcg gcacgagcct tttaagcgca gtgcacactc ataatttaag gccttggtgt      60
gcatggcact gaatgagcag cgtctgccgt cctgactgaa cctcttggtc ctgtccactg      120
cactcttcca gcctctctac caactgtgga gctacttggc acacacatgc tttagagagt      180
ccctcaacct gctcatgcgc ctgatcatcc tcaagtttag cctccctgta gatctggctg      240
tgcgccagct caaaaacatc atagatgcct tttgatgaca gtgccctaac cccagacaag      300
ctccttgttc agtatggata gatgtgctat tctt                                     334

```

```

<210> 3879
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (150)...(331)
<223> similar to gil890046 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3879
ggcacgagga ttgtgtgggg aaccatgact gtgagtggcc taggtatgct catgtgagaa      60
aaggtagatg ggggtgtatg catcattgcg tgggtggctg tgaggttgta gttgtgtgtg      120
gctttggttg tgcgaagctg tgtgactgca gctgctgctg ggccaaggat ctggcagata      180
tgcataggga aggctctctt cgccagtacc tcctctgccg cctactgctg gggagctgag      240
ctgaggcatg gctggatgta gaggctgacg ataatgtaaa agattagccc aaggtgctgt      300
gtgagttcag ggaggccagg gtctcttggt gatgtctccc                                     340

```

```

<210> 3880
<211> 1420
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1393)...(1214)
<223> similar to gil335892 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3880
cgtagagcaa ctacacaatt agtgcttcat aaaacataga ttgagatact tagcctatca      60
gttttgtcct ctaccttcac ttttcagggt ttaacagctc tagttgcttt catctttttt      120
gtatatctgt ggtatattga aatgactaaa cagtaagttt tgattgagaa ttctaggttg      180
agaaataagt aggctgaatg tagtaattcc agcccttata cattggcttt ctgctcctat      240

```

caggagggttc	ccatgatccc	tcggccccac	tatgcccac	ctggctgtgt	ctacttcac	300
tgtttgcctc	gagatgactt	gctgcttcgt	cagggtgact	gtgtgtatct	gatgagggat	360
agtcggcgca	cccctgatgg	ccaccgggtc	cgtcagtcct	atcgactggt	atctcacatt	420
aaccgagata	aacttgacat	ctttcgcatt	gagaagcttt	ggaagaatga	aaaagaggaa	480
cggtttgctt	ttggtcacca	ttatttcctg	ccccacgaaa	cacaccactc	tccatcccgt	540
cggttctatc	ataatgaact	atttcgggtg	ccactctatg	agatcattcc	cttggagggt	600
gtagtgggga	cctgctgtgt	gttggacctt	tatacgtatt	gtaaaggagg	acccaaagga	660
gtaaaggagc	aagatgtgta	catctgtgat	tatcggcttg	acaagtcagc	acacctgttt	720
tacaagatcc	accggaaccg	ctatcctgtc	tgcaccaaac	cctatgcttt	tgatcacttc	780
cccaagaagc	tcactcccaa	aaaagatttc	tcgcctcatt	acgtcccaga	caactacaag	840
aggaatggag	gacgatcatc	ctggaagtct	gagcgctcaa	agccaccctt	aaaagacttg	900
ggccaggagg	atgatgctct	acccttgatt	gaagagggtc	tagccagtca	agagcaagca	960
gccaatgaga	taccagcct	ggaggagcca	gaacgggaag	gggccactgc	taacgtcagt	1020
gagggtgaaa	aaaaaacaga	ggaaagtagt	caagaacccc	agtcaacctg	taccctgag	1080
gaacgacggc	ataaccaacg	ggaacgactc	aaccagatct	tgctcaatct	ccttgaaaaa	1140
atccctggaa	aaaatgccat	tgatgtgacc	tacttgctgg	aggaaggatc	aggcaggaaa	1200
ctgcgaaggc	gtactttgtt	tatcccagaa	aacagctttc	gaaagtgacc	ctcaaagaat	1260
gagaacctca	agcatctggg	atccagtgga	gctaatacgt	cctgcctcct	gctctctggg	1320
tatagacagg	ggtgggaagg	gtccatctgg	gcaaggggaa	tggggccatg	ttgttgacat	1380
taggtactta	ataagccttg	gagctagtgg	agagggagag			1420

<210> 3881

<211> 1924

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1415)...(1255)

<223> similar to gi4235350 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3881

ttttttccca	agggctttta	tttgggtacc	ccccgggttt	tccccctccc	ccctttttta	60
aaccgccccc	cgggaattta	tttttggggc	ccctaaaaaa	aaatttttct	ttcccacccc	120
cgggccttaa	aatttgttcc	ctttaaaggg	cccccccttt	tttttttttt	gaaagctaata	180
gcactgttta	tttgggggat	tggggggaag	caccctgccc	ctgctcactg	gtagccagcc	240
agctgcagga	tgggggtgta	gcaagtacga	tgggccatgc	acttctggcg	gtcgatgaag	300
acactgttgg	tcattggcgg	aacatccttc	tccaggctca	tgtggatgtc	ctcgagggtg	360
caaagggact	gctccccttc	tagaagcttc	tcccacagcg	ctgtgatgga	cttgtacagc	420
tcctccacct	cactcaccag	cttgggggtg	ttgggggggt	tgagctgggg	ctggggaggg	480
cagaagtatg	cacctactgg	ggtggagggg	acccaaaact	cccaatggga	gctggcagga	540
ggtcctggga	agacgccatg	aaaggatcct	accaggaaaag	cggctctagg	gcagagcata	600
aattacgagg	gtcctcccag	ggagcgcggg	cctgagtggg	aatgagtgc	ccgcgtgcaa	660
tctcgaccct	gacaggacag	gactggcctc	agccgaccag	gctcagttct	ttccattcct	720
gatatttgac	ggaaggaggc	accagttcc	ttgaaggaaac	tgaggggcag	ggaaggaaga	780
aaggtaacta	ggctcagaag	gggcccacca	ggcatccgtt	aacaaggga	acaaaaggac	840
ggcccatcta	tgctgttagc	ccaggcgtag	gtcatacttt	cctccagagg	tggggacagc	900
tccctcaggg	cagcagggaa	tggccctctc	tggcctctct	gtccccgtgg	cctccaggag	960
ctcaccttgt	ctgaaggagc	ttcctcccgg	gaagatgagg	tagcacaggg	tgggggtgag	1020

ccacgtgggc	acaggtccct	ggcacgggga	ggcccccgac	ccatgacctg	cccagtgtca	1080
tgtctatata	tgtgtgttta	aggcgtgctt	gcatgttgtg	tgtggccgca	gagtctccct	1140
ccccctctcag	cacctgtggg	ggatgtgtgt	gtggagattg	gagtgtttat	tggagaggggt	1200
cgcagcgagg	aggtggatgg	gggcacctgg	gactgcctca	gaggcccagg	cagtacctga	1260
actgggctgc	atcgcggcac	agctgcatgt	tgggcccgtg	tgagagcagc	tacagccggg	1320
tctgggctat	gtgcagaggt	tcctccttgt	ccttgatggc	ctccttcagt	gccaccacgt	1380
tgtgttcctg	atctgtgatt	tcccgcagca	tctgcagaca	ggacagtgcc	ccttgggcct	1440
gtgcccccat	gccccggcat	atggaatgta	gagaccagtc	tggtcctacc	cagctcctgg	1500
ggctgtgtcc	agaggggtgg	cctgaccagt	ggctctgggg	aggcgtgggt	gaggggaaca	1560
atgtgcacgg	ggcccccagc	gggctctgga	gagtcaggca	gcctgttgtc	tcttagctct	1620
ggtccaagaa	cccccatcct	tggtggtcac	caggacccaa	atcctgctca	aggactgggg	1680
actcagaggt	ggtaaaggcc	atgctgaggc	cctagagtca	gagccctgcc	tgccaggcca	1740
ggactcttgg	ggacctccca	ggcagtcaat	gctccccaga	ccagctcctg	cctccatcct	1800
ccccacagct	cctccttctc	agtcattggg	gttgcaacac	actgcatca	taccagtggt	1860
cacctggttt	tacatagggt	tacggagagg	tgacacttgc	ttctgggggc	cctcgggata	1920
agtg						1924

<210> 3882

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(566)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (344)...(187)

<223> similar to gi4493973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3882

attacattaa	aataaatttc	actcatttct	ttttattttt	taatgtgtgc	ctgttagatc	60
atttaaaaaat	tacnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	120
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	180
nnnnnattaa	atatatacat	acatacatat	atacatat	acatacatat	atacatat	240
acatacatat	aaacaaaaac	taaaaacaag	ttaaataact	tgtcaaggct	caggagttaa	300
acctgagaat	gtgtgtctgt	gctcttaacc	agtatactag	ttgttcccaa	tagtggctgc	360
atatcagaat	cacctgtgaa	gtttgttaaa	ctatcagtgt	ctcagcccca	cctctagagt	420
ctgactcagc	aggngacatt	tatcctatag	tacttttagct	gcctgtggag	tgaccttttt	480
aaagggtacta	ctttgcaccc	agaggatttt	cagttgtgtt	gttgacagac	agattgacag	540
tcttggttct	tttgactttt	agtcg				565

<210> 3883

<211> 1209
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(918)
<223> similar to gi203106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3883
ggcagcagca ggtctctgcc cttcatagac gcataaaggc tatcgtagag gtggctgcaa 60
tgtgtggagt caacatcatc tgtttccagg aagcatggac tatgcccttt gccttctgta 120
cgagagagaa gcttccttgg acagaatttg ctgagtcagc agaggatggg cccaccacca 180
gattctgtca gaagctggcg aagaaccatg acatggtggg ggtgtctccc atcctggaac 240
gagacagcga gcatggggat gttttgtgga atacagccgt ggtgatctcc aattccggag 300
cagtcttggg aaaga'ccagg aaaaaccaca tccccagagt gggtgatttc aacgagtcaa 360
cttactacat ggaggggaaac ctgggccacc ccgtgttcca gacgcagttc ggaaggatcg 420
cggatgaacat ttgctacggg cggcaccacc ccctcaactg gcttatgtac agcatcaacg 480
gggctgagat catcttcaac ccctcggcca cgataggagc actcagcgag tccctgtggc 540
ccatcgaggc cagaaacgca gccattgcca atcactgctt cacctgcgcc atcaatcgag 600
tgggcaccga gcacttcccg aacgagttta cctcgggaga tggaaagaaa gctcaccagg 660
actttggcta cttttatggc tcgagctatg tggcagcccc tgacagcagc cggactcctg 720
ggctgtcccg tagccgggat ggactgctag ttgctaagct cgacctaaac ctctgccagc 780
aggtgaatga tgtctggaac ttcaagatga cgggcaggta tgagatgtac gcacgggagc 840
tcgccgaagc tgtcaagtcc aactacagcc ccaccatcgt gaaagagtag cgggcttcag 900
tgctgcctt ggggtgagga agacacctct gccccagtggt attagcaagt gtggcaggct 960
taacatgtcc aggttctccc caataacatt gtccagggtgg ttttaaaatt cccaggcagg 1020
gggagagtgg catggggagt gacttcttaa tgggtaaggg gctgcttact tctgggggtat 1080
tggaaatgtt tggggactag gtagaggtga atgtactaaa tgccactgaa tttgtatact 1140
tcagaatgtt tgttatgtaa attttacctc aactaaaaaa aaaaaatgcc caggtaaaaa 1200
aaaaaaaaa 1209

<210> 3884
<211> 1523
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(694)
<223> similar to gi3924670 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3884
cttccgggtgg tggttacaag taacatcaaa ggtcatcttt ttctggcttc ttgtccttta 60
tcttcttcaa gttgctgcaa tagtattatt ctgctccact tctagccac acagcatacc 120

tctgacagag	gtgattgggc	cgatatggct	gatgctgctc	ctgggaactg	tgcattgcca	180
gattgtttcc	acaagaacac	ccaaacctcc	tctaagtaca	gggggtaaaa	gaagaaggaa	240
attaagaaaa	gcagccatt	tggaggtaca	tagggaagga	gatggttcta	gtaccacaga	300
taacacacaa	gagggagcag	ttcagaacca	cggtaacaagc	acctctcaca	gcgttggcac	360
tgtcttcaga	gatctctggc	atgctgcttt	ctttttatca	ggatcaaaga	aagcaaagaa	420
ttcaattgat	aaatcaactg	aaactgacaa	tggctatgta	tccttgatg	ggaagaagac	480
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agaagagaca	gcctggaaca	caggaacact	gaggaatggt	cctagcaaa	ataccctaaag	600
gacaataaca	aatgtctctg	atgaagtctc	cagtggaggaa	ggtcctgaaa	caggatactc	660
attacgtcgt	catgtggaca	ggacttctga	aggtgttctt	cggaaatagaa	agtcacacca	720
ttataagaaa	cattacccta	atgaggacgc	ccctaaatcg	ggtactagtt	gcagctctcg	780
ctgttcaagt	tccagacagg	attctgagag	tgcaaggcca	gaatctgaaa	cagaagatgt	840
gttatgggaa	gacttggtac	attgtgcaga	atgccattca	tcttgtagca	gtgagacaga	900
tgtggaaaat	catcagatta	atccatgtgt	gaaaaaagaa	tatagagatg	acccttttca	960
tcagagtcac	ttgccttggc	tccatagtct	ccaccagga	ttagaaaaaa	taagtgtctat	1020
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gataatgaac	agagtgaaca	gccatatacc	aggaatagga	taccagattt	ttggaaatgc	1140
agtctctctc	atactgggtt	taactccatt	tgttttccga	ctttctcaag	ctacagactt	1200
ggaacaactc	acagcacatt	ctgcttcaga	actttatgtg	attgcatttg	gttctaataa	1260
agatgtcata	gttctttcta	tgggtataat	aagttttgtg	gttcgctgtg	ctcttggtg	1320
gattttcttt	tttttgctct	gtgtagcaga	agaacttat	aaacaggtgg	gtataatgta	1380
gacttccgaa	taagaatatt	ttatcgtttt	cataatatta	aaagtattcc	tgaagtactt	1440
tattatttca	ttatctcatt	tttaccta	tatttttttt	ttttgctttt	atagtaccta	1500
accaaataaa	atcttaacaa	ttc				1523

<210> 3885

<211> 410

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (183)...(338)

<223> similar to gi5733600 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3885

cggacgcgtg	ggcggacgcg	tgggtgggtca	gcctgtctga	catccagggt	gtgctattaa	60
ccaagaagga	agcagatact	tggaggctta	gatgacttct	gcaggattta	tattcagata	120
gaaagggtaa	actgtttttg	tttgctggca	ggagtaggtg	catatatacc	agcacttcaa	180
gtttggtatt	tccattcagg	acattttatc	tctgtgcaaa	gaccggagta	taagctgatg	240
agtggatcaa	gatattacgc	tggaaattgt	cacaactaag	aaaacagctc	aaccaagggg	300
aaggcacgat	ccgatctcgg	acgatcatct	ttagatatat	cttatatgcc	aaggaatgct	360
tatggaccat	gagcaaatgg	gaaagctctc	cagatgcttg	gataaaattg		410

<210> 3886

<211> 1171
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (325)...(728)
 <223> similar to gi1902984 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3886

gagctggtga	aatcctctga	ctcatagatt	ctcttttgtc	cacagacagt	catctcagga	60
gcagaaagaa	aagagctccc	aaatgctata	tctatttcagg	ggctctcaag	aacaatggaa	120
tatcatcctg	atttagaaaa	tttggtatgaa	gatggatata	ctcaattaca	cttcgactct	180
caaagcaata	ccaggatagc	tggtgtttca	gagaaaggat	cgtgtgctgc	atctcctcct	240
tggcgctca	ttgctgtaat	tttggaatc	ctatgcttgg	taatactggt	gatagctgtg	300
gtcctgggta	ccatgggggt	tctttccagc	ccttgctctc	ctaattggat	tatatatgag	360
aagagctggt	atctattcag	catgtcacta	aattcctggg	atggaagtaa	aagacaatgc	420
tggcaactgg	gctctaattc	cctaaagata	gacagctcaa	atgaattggg	atttatagaa	480
aaacaagtgt	cttcccaacc	tgataattca	ttttggatag	gcctttctcg	gccccagact	540
gaggtacat	ggctctggga	ggatggatca	acattctctt	ctaacttatt	tcagatcaga	600
accacagcta	ccaagaaaa	cccatctcca	aattgtgtat	ggattcacgt	gtcagtcatt	660
tatgaccaac	tgtgtagtgt	gccctcatat	agtatttgtg	agaagaagtt	ttcaatgtaa	720
ggggaagggt	ggagaaggag	agagaaatat	gtgaggtagt	aaggaggaca	gaaaacagaa	780
cagaaaagag	taacagctga	ggtcaagata	aatgcagaaa	atgttttagag	agcttggcca	840
actgtaattc	taaccaagaa	attgaaggga	gaggctgtga	tttctgtatt	tgtcgacctc	900
caggtaggct	agtattatct	ttctagttag	tagatcccta	gacatggaat	cagggcagcc	960
aagcttgagt	ttttattttt	tattttattt	tttttttgag	ataggggtctc	actttgttac	1020
ccaggctgga	gtgcagtggc	acaatctcga	ctcactgcag	ctatctctcg	cctcagcccc	1080
tcaagtagct	gggactacag	gtgcatgcc	ccatgccagg	ctaatttttg	gtgttttttg	1140
tagagactgg	gttttgccag	cttgggtcaac	a			1171

<210> 3887
 <211> 1167
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (758)...(377)
 <223> similar to gi530876 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3887

tttttttttt	ttgattgggt	aaaatatata	caagataatg	ctatactttt	aaaagagaaa	60
aagcacttta	cattgttttag	gtctttggat	ctgcatatgt	ccctgaggta	agtattccag	120
ccatgggaaa	ctgaagcaca	gagaggtagt	caccaccaa	agctcagggc	tggcctccag	180

agcttgaacc	cttgccctgag	ctgggggtcac	cagcctgggt	gggccacgga	gcgatcatca	240
tttctccatc	tgatcgga	gtcaccac	actctgttct	ggggcccagc	ccgcctggct	300
ccaggcaggc	tcggaggccg	tgctctcctg	gacctgggtgc	atctggctgc	agccagcact	360
gggcaggaaa	ataccgctgg	agcagtgcc	ggtgcaggac	gtccccacta	cctgcttct	420
cctgggtctg	gagggccacc	atgagccac	aatcccggcc	aggcccaagc	cggtggctga	480
agtgggcagc	tgtgtctaga	agtaaggcaa	tgaggtaggc	ggcttctctg	ggctctgggt	540
cttccgctag	gtactcttct	aggccgtcga	gcagcagaag	ggaggggggt	ggccccgggg	600
cctcatgggc	agagcacagg	agccggaaaa	gctctcgggt	tgaggggtggg	tactggaagc	660
ggatcttctg	gagtcgcatt	gggtctagag	tcgttccgggt	cccgcggggc	atgctttgaa	720
gaggccttcg	tgtcaggaag	aggactgggc	cttggccctc	ccccgcggcc	tctagggccg	780
cagcaaatag	cagcgctgtt	tttccagatc	ctggtgtacc	gagcagcagc	aaaggcggtc	840
cggcggcagg	catgttctcc	tccccggacc	aggccgcacc	gcccctgggt	agcaccgcc	900
tcagcgtctc	cgccattcgc	cgcgtagctc	tgaccaatcg	gtgggctcgt	tcccagcctt	960
agtcgccccc	aagccgtggc	cgcacgtag	agatgggggt	tcaccatgtt	gggcgagggt	1020
ggtctcaaac	tcctgacctt	cagatggatc	cgcctgtctt	ggcctcccag	agtgccagga	1080
ttataggcat	gagccactgt	gtctggcctg	tcttcacatc	ttgacagaag	aagatttacc	1140
atagaggaga	atcatggagg	aatgtac				1167

<210> 3888

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (348)...(347)

<223> similar to gi296382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3888

ggcacgagaa	caaaactagg	cggttgaatg	agaggttcct	aagagtgctg	ggcattttta	60
ttttatgaaa	tactatttaa	agcctcctca	tcccggtgtc	tccttttctt	ctctcccggg	120
ggttgccgtg	ccctctcctt	tgccacttac	ttccatctct	tcgctccgcc	tctcgcgtct	180
ccctcccga	tccccccacc	tctcttcctg	cttctctctc	tcattcgtct	ttttcccac	240
ctgcttcgct	actctcttcc	ttctcgtctg	ttctccctcc	tcctctctct	actctctct	300
tcgtcttcca	ccctcgtctt	cgctatatct	cagctctcgg	tccgcgatag	tg	352

<210> 3889

<211> 1634

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1589)...(1068)

<223> similar to gi4103857 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3889
tttttttttt ttctttgctg ttcacaactt gtacttttatt tttctcaaaa attttttactt    60
atgctttttg tcattatcca cagtgttttt ttttttaaag cctgagccac tttgtgggtt    120
tagcctcaat ataataatca tccccttact cttagactaa ttccttttcc cctgtcactt    180
tgctgtata ctctgtaaaa atgaggacct tagaaaatca acatttcctg tgaacttgag    240
agactataca agcagtgcc aaatcagtag gattaggcag gtaaaaccag ttggatagca    300
gatatattat gatctgttgg acaaaggat agttgtgtgc atgtctacaa ggtcatcgtg    360
attcgccatt agcttaagga tcatgtagggt tgaccagggt gaggtaggac tatccacagg    420
attgtgtaaa ttgtggtagg ggatgcagta ttcaatattc atgaattaaa cacttagcta    480
actgctttcc tgaaaatggg ctgtgttcta aaagacaaag atctagggtt tttgctgttt    540
tttactttta cttatgaaga ttcaagtcac taatatgtta cttgctctgg tttaaaatga    600
aagcaactgg ctatggtaag gtagagaaga cagctgaatt gtatcagaat atttaagact    660
tttaaattaa gttctgagtt acctcccctt ataaaaatat atgtcaatat actaaatacc    720
caacaaagat ccaggatgtg ggatatttaa aaatacattt ctcttgatc agcacaaaaa    780
ataccagttt ctgtacaacc cgtgtcaagt ttttaagtat acacacatta aaattatttc    840
tgataaaaaa atcacaaact ccacagaaat aattaaagat atatgcaaat tactttcaaa    900
tacattttga catcaaagtc aggcaattcc cttggaagaa tgttataatg aatgtcactg    960
aatttttgta gtaagatgtt tgacgtcaac tttgattatg ggaatacatc tcacacacag   1020
gaggcactgg tatttagaaa cttaggaaaa ttactagaat tgtaagact gaggtgaaga   1080
atttgtacag ccttccacaa tttcaaagag gtagtgatag atacttgctc tcctggcaat   1140
atcaaagtga gtttcttcca agttgttttt cagccctggg ttgacgtaac ggttcatcag   1200
gaggagttct agggatctct tgctgtctct gttcccagca gcaagatgca aggggggtaa   1260
gaggcctttt gtttgggcat tgatatctgc atcatgctgc agtaagaaag aagccactct   1320
ggattatttc cacttacaag cactgtgcag gggcgtccag ccattccacag tcatgcatg   1380
aacatcgcc ccctgtgcaa tgagctcctg aacaatatct aagtgtccac tgtaggctgc   1440
tcgatgaaga ggggtatact catcttcac cctagtgttc acgtgagtgg ccttttcaga   1500
aagcagtcct cgcactgtgg taagctagca tgacactttg cagcttaata tgtgctttca   1560
tgtacattgt ctcatttggt ctcacaatc aagacatagg tatgatggcc ataacagtaa   1620
aggcaggtct tctg                                     1634

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<210> 3890

<211> 1468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(1433)

<223> similar to gi2854044 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3890
attcaacctc ccaactggaga gcccctgctg gcaaacgacc ctactcggac agaggaagtt    60
caggatgaca cctggggaga gaccaccacg gccattacag gcacctcgga gcacagcata    120
tcccaagagg acattgccag gatcagcaag gacatggagg acagcgtggg gctggattgc    180

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aaacgctacc	tgggcctcac	cgtcgcctct	tttcttggac	ttctagtttt	cctcaccctt	240
attgccttca	tccttttacc	tccgatcctg	tggagggatg	agctggagcc	ttgaggcaca	300
at ttgagagg	ggctctttat	ctccatggca	ttcaaactcc	tcattctgct	catagggacc	360
tgggcacttt	ttttccgcaa	gcggagagct	gacatgccac	gggtgtttgt	gtttcgtgcc	420
cttttgttgg	tcctcatctt	tctctttgtg	gtttcctatt	ggctttttta	cggggtccgc	480
at tt ttggact	ctcgggaccg	gaattaccag	ggcattgtgc	aatatgcagt	ctcccttgtg	540
gatgccctcc	tcttcatcca	ttacctggcc	atcgctctgc	tggagctcag	gcagctgcag	600
cccatgttca	cgtcgcaggt	ggtcgcctcc	accgatggcg	agtcctcgct	ctacagcctg	660
ggacacctga	gtatccagcg	agcagcattg	gtggtcctag	aaaattacta	caaagatttc	720
accatctata	acccaaacct	cctaacagcc	tccaaattcc	gagcagccaa	gcatatggcc	780
gggctgaaag	tctacaatgt	agatggcccc	agtaacaatg	ccactggcca	gtcccgggcc	840
atgattgctg	cagctgctcg	gcgcagggac	tcaagccaca	acgagttgta	ttatgaagag	900
gccgaacatg	aacggcgagt	aaagaagcgg	aaagcaaggc	tgggtggttg	agtgggaagag	960
gccttcatcc	acattcagcg	tctccaggct	gaggagcagc	agaaagcccc	aggggaggtg	1020
atggacccta	gggaggccgc	ccaggccatt	ttcccccca	tggccagggc	tctccagaag	1080
tacctgcgca	tcacccggca	gcagaactac	cacagcatgg	agagcatcct	gcagcacctg	1140
gccttctgca	tcaccaacgg	catgaccccc	aaggccttcc	tagaacggta	cctcagtgcg	1200
ggccccaccc	tgcaatatga	caaggaccgc	tggctctcta	cacagtggag	gcttgtcagt	1260
gatgaggctg	tgactaatgg	attacgggat	ggaattgtgt	tcgtccttaa	gtgcttggac	1320
ttcagcctcg	tagtcaatgt	gaagaaaatt	ccattcatca	tactctctga	agagttcata	1380
gaccccaaat	ctcacaat	tgtccttcgc	ttacagtctg	agacatccgt	ttaaaagttc	1440
tatatttgtg	gctttattaa	aaaaaaaa				1468

<210> 3891

<211> 2395

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> similar to gi286103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3891

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gattttctcca	gctttgagga	tactgggaaa	agtagtttag	gggacatggt	ctcacctatc	120
agagatgatg	ctgtatttaa	caagggaagt	gatgagtcca	taggcaaagg	agatggcttt	180
gactttctac	cgcggttgaa	ctcagtgttt	ccttcaagaa	aaaatccagt	aacttcaagt	240
acttcagcat	tgcattctag	tcctcttaat	gtttttatgg	gatctccagg	gaaagaggaa	300
aatgaaaacc	gtgatctaac	agctgagtct	aagaaaatat	atatgggaaa	acaggaatct	360
aaagactcct	tcaaacagtt	agcaaagtgt	ggcacatctg	gtgctgaaag	tggaaatcta	420
aatacctctc	catcatctaa	ccaaacaaga	aattctgaga	aatttgaaaa	gccagagaat	480
gaaattgaag	cccagttgat	atgtgaaccc	ccaatcaatg	gatcctcaac	tccaaatcca	540
aagatagcat	cttctgtcac	tgctggagtt	gccagttcac	tctcagaaaa	aatagccgac	600
agcattggaa	ataaccggca	aaatgcacca	ttgacttcca	ttcaaattcg	ttttattcag	660
aacatgatac	aggaaacggt	ggatgacttt	agagaagcat	gccataggga	cattgtgaat	720
ttgcaagtgg	agatgattaa	acagtttcat	atgcaactga	atgaaatgca	ttctttgctg	780
gaaagatact	cagtgaatga	aggtttagtg	gctgaaattg	aaagactacg	agaagaaaac	840
aaaagattac	gggcccactt	ttgaaatttc	agtgaatacc	ttaatgttct	gtaatttggg	900

aagtttctg	caacacagaa	ctacatagaa	tcagtattgt	tttcatggcc	tccaggga	960
aaatgtttt	caagtaagag	taaaagggtg	atgggatttt	ataccaacaa	ctgtttcatc	1020
ttaaaaatat	gtatattttt	atattaaaaa	ttgtacagta	tgatcatctac	ccaataggaa	1080
agtcaacagg	atcttttatt	tttgaaagct	ttagccatcc	actaagtgcc	ctttttcata	1140
agagaagaaa	attgtgcata	aaaattgggt	atgtttgttt	tttagtcata	ttttttaaca	1200
tatatttttg	attgacaaat	tgcttttcaa	atttttgggg	ctagttgaga	tttaaagagt	1260
ttgatatgcc	ttctattttt	atggagaaag	taattttaaa	atggcaattg	gtgtttctaa	1320
gccattgact	aataaaaacat	agggttggct	agtaattatt	ttgttaactt	gatgaagtca	1380
agtatgacta	ttattttatt	tacatttgat	aagacaattt	ttggaatttt	gaattgcaca	1440
aattacatga	tatctttttg	atttatgtta	ctatattgta	cttctgacaa	atctttatct	1500
ctgggtggta	tttttaagat	atctttacct	ataaaaaatg	tttaagggtc	ataggactcg	1560
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acaaaccttt	agctcactaa	ctttatgggt	ttctgaagtg	atggaaattt	ttagggattt	2100
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ttaccagtg	tggtttatag	catacatttg	tactgaagca	tatagggatg	ttaattgtgat	2220
cttttctga	cagattatga	aagcattatg	acttgtaaca	agtttccttg	tatatcacta	2280
acagggtttag	aagacataaa	tattagtgtg	ttttgcctac	atgggtgtatt	taaatctatt	2340
aatattttcc	tgttgctttt	ttaaaaaat	aaatacacat	aatgtaaaaa	aaaaa	2395

<210> 3892

<211> 1774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(884)

<223> similar to gi537433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3892

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cgatgaggaa	gaggctgctg	cagccccgga	ggccgagaca	gagcgggtgg	agggggagga	180
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acgcccggcc	aaaagccagg	aagaggggaa	gcgcctctat	ggaagggacg	agtttgagga	300
cctcgagtgg	tccgaggagg	tccagaagct	gcaggagcag	cagctgcgca	gcgacctcct	360
ggaccagtac	cgttccctgc	tggtaggagc	gaaccgctcc	cagcgctaca	acctatacct	420
gcagcacaag	atcttcgagg	cgctgcgcaa	aaagaagggc	ctggaggccg	ctgagggtggc	480
tgaccggggc	gcagaggccg	aggcccccca	gaaagagcaa	gcgtacctgc	gccatctggg	540
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gggccagttg	aagcggcagt	gccaggagaa	gctcaccagg	gtggagaagg	agtggcgacg	660
cttcaggga	ctcaagaagc	aggtggtgat	gcaggccatg	ggcagctgtc	ggatgagggg	720

cgggcgccag	gctgctctgc	gagaggtgga	gcagatccag	gcgttggagg	ataaaaagga	780
gaaggagatg	agcgccgtgc	ggctggagaa	cattcagctg	aagcagagcc	tgggtgcat	840
tgaaaccagg	atgaggaccc	aggaggacct	gacccaggg	ctgcttctta	ttgactttga	900
acagctgaag	attgagaacc	aaaccttcaa	tgagaaaatt	gaggaacgaa	atgaggaact	960
tttaaaactt	cgcagcaagg	tgaccaacag	tgtgcaagta	ataaccacg	tgaaggaaaa	1020
gctgcacttc	atggacatgg	agaacgcgtg	caaaaagaca	cagctggcag	aaatcgaggc	1080
ccaggccgcc	ctaggaagag	acatcctgac	caagacgaag	caagcccag	aggggctg	1140
gacggacaac	atcagactga	atcagaagt	cggccttcta	ggcaaggact	cacttcttcg	1200
ggacttgga	gaaaaggtg	acaagaccga	actgcttcac	cggcgctgg	aatccctgaa	1260
gcgccaccac	gctagcctca	ctttgtcctg	cagaggcgtg	aggcagaaga	tcaggaggc	1320
caaagccttt	ctcccttctt	gaccagatcg	atgagaagag	tctgcaaac	acttcatcct	1380
caggacgtgc	tgtcctgctt	tattttacct	tcgttgctat	ttaaaaaggc	ctgtgttcat	1440
ttggggacgg	gactcttatt	tttgtattta	ttcttcaaaa	cgtttttagct	tccaaatcag	1500
tgctgagccc	caacccccgg	gttaggagtt	ttatcctggg	attgagcaaa	aatagggtccc	1560
agaaaagcaa	acaaaggtg	atttaagtga	actgacttct	catgaaaaac	tgtcaaaagt	1620
ctcaagtctg	agcaattcta	taatttcagt	gatgtaatac	taaagagtac	tgttcctctt	1680
tcatatgtag	gagggtttaa	aagttcagcg	aatgggcaag	gtacaaaaaa	accctgtgca	1740
ttaagcta	tattaaattc	tttggattta	ttaa			1774

<210> 3893

<211> 1594

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(550)

<223> similar to gi5106930 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3893

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tgtgctgcac	tccagctgac	ccaagtagga	agccagacga	gctgtaaaac	atgaacggaa	120
gagtggatta	tttggtcact	gaggaagaga	tcaatcttac	cagagggcc	tcagggtg	180
gcttcaacat	cgtcggtg	acagatcagc	agtatgtctc	caacgacagt	ggcatctacg	240
tcagccgcat	caaagaaaat	ggggctgcgg	ccctggatgg	gcggctccag	gaggggtgata	300
agatcctttc	ggtaaattggc	caagacctaa	agaacctgct	gcaccaggat	gctgtagacc	360
tctttcgtaa	tgcaggctat	gctgtgtctc	tgagagtgca	gcacagggtta	caggtgcaga	420
atggacctat	aggacatcga	ggtgaagggg	acccaagtgg	tattcccata	tttatgggtgc	480
tggtgccagt	gtttgccctc	accatggtag	cagcctgggc	tttcatgaga	taccggcaac	540
aactttgaaa	aacttgcctc	ctttcaatac	tcccaatgaa	gatacatttc	actcaccctc	600
caccctgct	attctgccat	gtctttccct	ctctctgcat	agccagattt	gaagtgactg	660
ataccacccc	caaaccttgc	tgttcacagt	ctccaattct	tcatattcta	atgggaaagt	720
aaaggtattg	tttgaaggaa	aactgaagaa	aagacttggc	ttagaacaaa	tgaggagtta	780
tatattttac	taggactttt	gatagaaatt	cagctacaac	ccaaagagag	aaagattgag	840
tcttcctgtc	accataggca	ataccttttt	tcttagctgg	catgccataa	aggccagcta	900
tgtgatatta	gaggaagaaa	ggatttttct	ttttaatgat	cttccttggg	aaattattgt	960
ggcctttatt	taattttctaa	ctacgtacct	gggtgcctat	atcgacaaag	agtgagaaga	1020
gcattttttac	tttttttaaaa	aagcaaatac	atatatacac	atacgtatgc	aaatattata	1080
gtataaatagt	gatccctatg	gagaattaaa	ggtgagaaa	ctactttgtg	gtgatctagg	1140

tttctgataa	aagggatgat	cttaactgaa	gaattttaag	agatacttaa	acagagcaaa	1200
tgtagtagga	acaagggagt	gagccttata	agaggacgtt	cagtctcatt	tattaaaata	1260
ataactgaga	ctgggagagg	tggtcatgc	ctgtaaatcc	cagcactttg	gtagcctgag	1320
gtgggagatt	gcttgagtcc	aggagaccag	cctgggcaac	atggcggggc	ctcatctcta	1380
tttāāāāāā	aaatagaaaa	aaatgtaata	actgaagcaa	ctaattaaaa	atcttagaag	1440
aacaatatatt	attcttataa	cagccaacta	tggggagtta	ttataaggta	aattgccata	1500
atccagcgct	gctcacatct	aaaaaacttt	gaggtgtaaa	ggtaaatcgt	accaatctct	1560
ggggctgccc	tagtgacttt	tttgatacct	caga			1594

<210> 3894
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (581)...(58)
 <223> similar to gil68455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3894	
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actcataggc	tggcaggggtg ggaggaggca ggcttggtgc tgtaactgtg ggtaggagtt 180
tcacgggcat	ctcaggctgg ccctggaccc ctggaagggg ggctgggttt ggggggttaag 240
tggagtccgt	cagggatgag ggtgggaagg ggacagcagg cagaggatgt ggtgggcagg 300
tggctgaggc	ctggagggac atggggaggg gccaggggcc aggcttacag ggcttctggg 360
tāāāgtctgt	gagctgagac tctactgctt gtgtggagct aggagaggtc ttgaccatgg 420
atggtgggta	gctctgagct ctgggcaggt ggacgggtgt ggggggacaa gtggcagtgc 480
ggagtcaagc	agagggttgg caaggccagc tcgttcccct gggcctgacc cctctgctct 540
ccgaagccac	gagggcaggg caggggtgat gtgcactggg tcacctcctg ccaatcaaac 600
tgtccttttc	cccttcagta ttgaaggg 628

<210> 3895
 <211> 1088
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (998)...(735)
 <223> similar to gi535682 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3895
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caatatagaa aaaatatgaa tacattcata gtattctctt ttaatttggt aattccacat    120
tgtcaaatat tgactgtttt tatattgggt gtcctaccca attaaaaaaa aaagaggaag    180
aatgacctgg cagacagttc ttgttgtgcc atgttattga tataacagca atatcatata    240
tgtctctttt tttaaaccac tagttttgaa aagaccaatg attaaactac tgtttactgg    300
ctcagggaaa tgttttaaga aatagaaatt aattcattct ttccccaaga aaaactttaa    360
ggtaaaccatc ttaaaacacc taagtgatga aggagaaaat ttgtattcct taaaaagggg    420
tcagtgcgtg aagaaaattg catggtagac cccactgcac aacggttctg caccaaaaga    480
aaaatgagga ccatattaac ataattatgt tggagagaag aaaaaccac acttagaagt    540
caggtttctt ttaaaactcc ttgttacaaa tagaatcaat gattatatct cagacataat    600
aatgggtcaa actcacaaaa tcagtgcctac aaaatacagt atttttccat cacttttagt    660
tgtaatgtac actatgtaca gaaagataat actacctatt ttaaactaaa tatagatgaa    720
caaacagcgt taaaaaccag aatcagggct tataaatagt gcagaaaatg caaacgccaa    780
aaaaacgatg cctcctatga ttgtcacagt tctgacagag attttctgtg ctatcattct    840
tcctccaatt actgccaatc ccgtgcacag gcagtgcacc acagttccac ccacggctac    900
accatagggg tcctggaagc aagcgtcaca gcattaattc aaaaccaagg tgacaactgc    960
tgcttgagaa ccataacaat tcagaagcac taaaaatggg ggccaacaat taaaaagcat   1020
aatagttata aaaatgcagg tgtgtaataa atttatgaaa ggtgcggacg cgtgggcgga   1080
cgcgtaggg                                     1088

```

<210> 3896

<211> 1733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(1241)

<223> similar to gi2224579 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 3896
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tttaatcaag tgggccctta tatcaaacc agattgttct ctgaaatcca gggagggtgaa    120
gtgacttgct tagggtcatt ctgtaagcta gtatagcaca gaatgggttt ccctccctg    180
atcctagcag ttgtaggctg caatgctggt ccgtatcagg aactgcccaa ggttgaaaca    240
gttcagccct gaagggccta gttatggtga aagcagcaac tgactccagg aaaggaatgg    300
cattttgttc tgtaacatag ccatgttggt caaccctaca ggagggtgta aatcactctg    360
accatcacc tatccttttt ctttcaaacc tggttgaggg aacctacact tttcacctga    420
aagtgaccga tgcaaagggg gagagtgaca cagaccggac cactgtggag gtgaaacctg    480
atcccaggaa aaacaacctg gtggagatca tcttgatat caacgtcagt cagctaactg    540
agaggctgaa ggggatgttc atccgccaga ttggggctct cctgggggtg ctggattccg    600
acatcattgt gcaaaagatt cagccgtaca cggagcagag caccaaaatg gtattttttg    660
ttcaaaacga gcctccccac cagatcttca aaggccatga ggtggcagcg atgctcaaga    720
gtgagctgcg gaagcaaaag gcagactttt tgatattcag agccttgga gtcaaacctg    780
tcacatgtca gctgaactgt tccgaccatg gccactgtga ctcgttcacc aaacgctgta    840
tctgtgacct tttttggatg gagaatttca tcaaggtgca gctgagggat ggagacagca    900
actgtgagtg gagcgtgtta tatgttatca ttgctacctt tgtcattgtt gttgccttgg    960

```

gaatcctgtc	ttggactgtg	atctgttgtt	gtaagaggca	aaaaggaaaa	cccaagagga	1020
aaagcaagta	caagatcctg	gatgccacgg	atcaggaaag	cctggagctg	aagccaacct	1080
cccagcagg	catcaaacag	aaaggccttt	tgctaagtag	cagcctgatg	cactccgagt	1140
cagagctgga	cagcgacgat	gccatcttta	catggccaga	ccgagagaag	ggcaaactcc	1200
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gggaggagat	cctgtagcca	cctggtctgt	ctcctcaggg	cagggcccag	cacactgccc	1320
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ttcgccctga	cagtcccaac	cagaaccctt	gggacttgaa	tccagagacg	tcctccagga	1440
acccctcaac	gaagctgtga	atgaagaggt	ttcctcttta	aacctgtctg	gtgggcccc	1500
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cccagccagc	tgctaagctc	tgcaagctcc	cagtggacag	tgctattgtg	cccagagtgc	1620
tgcaaggtga	ggcctgctgt	ggttgcccgc	acacctgagt	gcaaaaccaa	gcactgtggg	1680
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<210> 3897

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(284)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3897

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tccaagtagc	tggtgattaca	gacatgccac	catgccaggc	taattttttt	aatattttta	180
gtagagatgg	ggtttcacca	ttttggccat	tctagtcttg	aactcctgac	ctcaggtgat	240
ctgcccgcct	tgccctccca	aagtgtctgac	attacaggcc	tgagccactg	cgcccagcca	300
ataccatgag	ttttaagcct	cacatcgta	cttgctgtca	ctgccagtgc	ctgttttatt	360
catattgctg	gacaacagac	atatgccacc	aattgtatga	ttaataaagt	ctttttctgg	420
ccattttgtc	cattataaag	gaaataaact	aattgttaac	ttgcatagat	tacttcttag	480
tttccctatg	taccaccact	gccaaggagg	aaaaaaatac	atcattttgt	aatgtcttta	540
gtattttctt	ataactagt	ttaagggttt	gttaatttta	ttgtatacat	ttgtaacatt	600
tattaggagc	cttttaggtt	ccaaaacaaa	caaaaggcat	aaaaaagtct	agcttagaac	660
cacttttcac	ttgctttcat	ttttaatttt	attcacttaa	cagctaacat	ctttcttggt	720
tcttggtttt	tccattatat	ggttatcgat	tcaactcttg	ctatatccct	taaatttgta	780
tgtatcatca	gaagaaagag	atgaacaatt	tagttagat	attttattct	ggagaataat	840
attcaattaa	attatttcta	cagcaggcca	gtaacaacta	gattatttgt	cctttctcag	900
tataatttta	aagagcattt	tgttttattg	tcacaatttg	gtaccactag	tcccaggtaa	960
ccattggggc	aaaggatcag	ttgagaaaca	gttaaggatg	aattagcata	agttatggaa	1020
cagtgttaga	aaacaactca	aaagtatat	ctttattaat	gaggtgggtca	ttattacatt	1080
tgtgtcaatg	aagggcagtg	tagttatttt	aaaatgacta	atattttctc	cccaaataca	1140
gaataattca	gatgggcaac	caagttttca	agagactgct	gtaggtgaag	tctgtctagc	1200
caaggcagaa	cacttacagg	agtccctaac	tgtgccaccc	ttggaatggg	ttagtgtaca	1260
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tggtgtgtat	ttatctacat	tattagaggg	aatttttatt	ttaaaaaat	tgtcattcat	1500
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gtcatctcga	ctaattctga	ggcaatgatg	gacagagatg	ctacttctta	tttaactcta	1860
ggcatgttga	cttttcaaag	cggtttcctt	atttctaaac	agagatgatg	atcaatgagt	1920
tactaattct	ttagaggaaa	aaatgcataa	tttgagtgtg	gaagtgat		1968

<210> 3898

<211> 5214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5215)...(352)

<223> similar to gi37231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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taaaactgta	tgtgtaagaa	caaaatgtta
aattacatca	tcacattaaa	ataagccaga
aggacaacac	aagatatttg	ttgaaaaatg
tgcaaaatca	acatcatctt	cttcttcac
agcccgaccg	gttcgtggca	gagaagggtg
cacatctgaa	tctgatcaa	aagatgtctt
tttctgcca	gggttataat	cgcttcatt
ccctcgccct	ttaccttttg	gtgtttagt
gtcagagttt	acagcctcta	ctactttctt
tgtatctgaa	gacggttttc	cctttttagc
ctgtttcaga	ccaaatgatg	gtgaaaaaac
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aaatgtatat	tcactctttt	ctaacccttc
tgttatggga	gatgctttta	ctttcaattc
atcagcatca	tcactctctt	cttctgagaa
tgctctccta	agcaaagaat	ctcttggaat
ttctgacttg	gattcatcat	ctgaccaagg
tttaccagat	gatgtagggt	tttttctcac
aggtttgagg	cctttattta	taggaactga
tactggtgct	ccactgaatt	cttcatcaaa
acccttcttc	ttcttcagca	actttttgct
aattattctt	ctgccataag	gtgagggcat
aggtttgcca	actttacctt	taattgcttt
ttcttgagat	tccactttat	ccagtctctt
		aacaaatgcc
		gctaaatcct
		ctttccaaag

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acgaccacct	gtaacttttt	tctcatcatc	atcatagtta	ctggatgtta	aaagctgtcc	4740
aaaaattaaa	gcaggaacat	aaactttctc	caccttggtg	tctactactg	gaatgccttt	4800
cccattattc	caaagtctta	taatgttaga	ttcaggatca	atagaaactt	taatacaagt	4860
catgttctta	tccctctggt	tattgtcagc	agcattaacc	aaaatttcat	caaagatctt	4920
gtataaacct	ggcacaaaag	taacctccct	gcaattcatt	cctacatctt	catcatacac	4980
ccacatgaac	tgcgtcaatg	gctccactga	cccaatatat	gtatcaggac	gaagaagaat	5040
gtgttcaagt	tgtgtcttct	tctgatacac	tctctcaaca	gacaacttct	ttgaagaatc	5100

```

atttttgttg gcagtttctg actcttcttt ttttgcagca ttgttcaccc aggtcagtgc 5160
cccgttgccg ccgcccacgc cggctccccg gccgcagcca cccgacttgg ccat 5214

```

<210> 3899

<211> 1821

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1823)...(602)

<223> similar to gi487783 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 3899
tttttttttt ttgaggatgg gtagaaaaga attttattga gcaaaagaac agctctcagt 60
ggagagggga tgcaggaggt ggtccccaac cccacagca ggggtgatttc tctcctcact 120
gcagctgagt ctgggtcttt tatgggtctca gaatagggga atacacgttg actgatttgt 180
aagtatgcaa aggcaccact caaaagggtg gcacagcagt gtaaaaacca attaggaaag 240
ggcaggtata cgtaaaatag gtgaagggtt gggatcaatc ggaggaaagc acaccaaagt 300
ggaagacagg ttctcaattc agtatgagga tttagccggg actgtcttca gctttaaggt 360
tggttttcac caggtaccca cccctatctg cctgggcatt tgactgctc ctgccactat 420
cattacctga cgggttttcc acaaccacc atccacagt aggaaggga gggctcctga 480
aaatgagcca gcaattctcc ttcaggtgga tggagataca agtcttacca gtacagtctc 540
atgcataatc acacacagaa tgtctccact ttggtatcta gcaatggctg aaaaagccac 600
agcactgtgt gtgtcctctg gtgtctgatg aagtatgact cctggctaaa ggctgtacca 660
cattccctat acacataaag tttctatcct gagtgtgtcc tctgatgtct gataagggtg 720
gacttccgac taaagccccg tccacacttt ctgcaaatat aaggcttctc tctgaatgt 780
gtcctctggt gtctaattag gtgtgactgc cggctaaagc cttgcccaca ctccctgcac 840
acatgaggct tccccctgc gtgtgctctc tgggtgttaa tgagagttaa cttagcacia 900
aagccttgcc cacactccct gcacacaaag gcacctgagt gtgccctctt gtgcctaaac 960
aggttaggct tctgccgaaa ccttctgcc cactccctgc acataaaagg cttttccct 1020
gaatgtgtcc tctggtgtga aatgagggtg gacttatcat taaagcctcg tccacactca 1080
gcacatacaa atggcttctc ccctgagtgt gtcctctggt gcgtgtcag ggttgatttc 1140
cgggtaaagc ctgccccaca ctccgtacat acaaatggct tctccccgt gtgtgacctc 1200
tggtgtttgt taaggtttga cttcaggcta aagcactgcc cgcactccag gcagacataa 1260
gggttaaccc ctgagtgtgt cctctggtgt gttttgaggt ttgatttcca gctaaagtga 1320
cgccacatt ctgtgcatac ataaggcttc tctcctgtgt gtgtccttaa gtgtctgatg 1380
aggtgtgact tctggctaaa gccttgctca cactccctgc aaatgtaagg cttctctcct 1440
gaatgtgtcc tcttgtgtct gaccagggtg gaatgctggc gaaagccag cccacattcc 1500
ctgcaaacat aaggcttctc cccagtgtgc gccctctggt gggtaattag gtttgacttc 1560
aggctaaagc tctgccca ttccttgca acataaggct tgagccctga gtgtgtccgc 1620
tgatgtgtaa agaggttcga cttccaagta aagcctctc cacaatcct gcacacataa 1680
ggtttctccc ctgagtgtgt cctctgatgt gtgatcaggt ttgacttcca cgtaaagcct 1740
cgccacatt ccctgcacac ataaggcttt ccccagagt gtgtccttgg gtttttgatg 1800
aggactgaca tactgcaaaa g 1821

```

<210> 3900
 <211> 2507
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(1636)
 <223> similar to gi56312 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3900
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gtggccgctc cctgggccgt aggaaatgag cgataacgat gacatcgagg tggagagcga     180
cgctgacaaa cgggctcatc ataatgcact ggaacgaaaa cgtagggacc acatcaaaga     240
cagctttcac agtttgccgg actcagtcct atcactccaa ggagagaagg tccagtcacag     300
gtgcagcagc aaggagaaca ttctcagagc cagtcacagt gctgtcgata tcaccaaggt     360
ggctagaaga catcgcatgt ctcccttttc tctgacatct atggacaaag cctttatcac     420
agtcctggag atgactccgg tgcttgggac agaaatcatc aattaccgag atggaatggg     480
gcgagtccct gctcaagatg tatatgcaaa agacaattta ccccccttc cagcatcagt     540
aaaagatggc tatgctgtcc gagctgctga tggcccagga gatcgtttca tcattgggga     600
atcccaagct ggtgaacagc caactcagac agtaatgcca ggacaagtca tgcgggttac     660
aacagggtgt ccaataccct gcggtgctga tgcagtagta caagtggaag ataccgaact     720
tatcagggaa tcagatgatg gcactgaaga acttgaagtg cgaattcttg tgcaagctcg     780
gccaggccaa gatatcagac ccatcgccca tgacattaaa agaggggaat gtgttttggc     840
caaaggaacc cacatgggcc cctcagagat tggctctctg gcaactgtag gtgtcacaga     900
ggttgaagtt aataagtttc cagtgggtgc agtcatgtca acagggaatg agctgctaaa     960
tcctgaagat gacctcttac caggaagat tcgagacagc aatcgttcaa ctcttctagc    1020
aacaattcag gaacatgggt accccacgat caacttgggt attgtaggag acaaccaga    1080
tgacttactc aatgccttga atgagggtat cagtcgtgct gatgtcatca tcacatcagg    1140
gggtgtatcc atgggggaaa aggactatct caagcagggt ctggacattg atcttcatgc    1200
tcagatccat tttggcaggg tttttatgaa accaggcttg ccaacaacat ttgcaacttt    1260
ggatattgat ggtgtaagaa aaataatctt tgcactacct gggaatcctg tatcggtgtg    1320
ggtcacctgc aatctctttg ttgtgcctgc actgaggaaa atgcagggca tcttggatcc    1380
tcggccaacc atcatcaaa caaggttatc atgtgatgta aaacttgatc ctcgccaga    1440
ataccatcgg tgtatactaa cttggcatca ccaagaacca ctacctggg cacagagtac    1500
aggtaatcaa atgagcagcc gtctgatgag catgcgagc gccaatggat tgttgatgct    1560
acctccaaag acagaacagt acgtggagct ccacaaaggc gaggtgggtg atgtcatggt    1620
cattggacgg ctatgatggt caccagcagg agaaaagcttt gatgcatgtc cacatatcat    1680
tgactgtatc ctgtaatatg caacggcaca gctagttttc ccgatttggg taaaagttga    1740
tctgtatagt caacatcttg aactatatct caaatgaatt taaatatctt ttaaagaaaa    1800
aaacacctaa aaataaatct taacagaaaa ttctgttctg attatatcaa ggcaaatttt    1860
tcctttcttg caaattgctt tgtgtgttca atgctaggtc tgatagcgat agcttttagt    1920
agacagcggg aggtgcctgc agaacttggt tttttctcat ctttaaaata caactactta    1980
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tcgtgtttat gtgcacagtg ccaaaagaag actgactggg tggaggctct gccttgctc    2160
aagaaccatc ccctgcagag catccaggga ggtttctcgc cccaatagcc tcacggcaca    2220
gtactcttgg gcagtaactg gacacctttt atttgaagaa acaaactgaa gaaaaaatgc    2280
ttccttaagt gctgacagcc tttttaacca atacatttaa aattgtacag aacaaaaaaa    2340
taaaatcaaa gactgatctt gtacagatat tagtgttacc agcattcatg tggaaatcaa    2400
gagcaaagac aaaataatgt taaacaattc tgtaccataa cattttctgt aatgatactg    2460
  
```

aaacttaatg aataaaaaaa ttccttgatc attattttaa aaaaaaa

2507

<210> 3901
<211> 1171
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1164)...(251)
<223> similar to gi4455015 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3901
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ctggtgttaa atacatttat tgtaaacttt agacacaaaa atagggtctc taggccattc 120
acatgcacat taaaaccaac aggtgcaaac tacaacaatg catataatta tacaatgat 180
gccactctgt gatgtttaca ggattgctgt ccatgcaagg tgatcatagg cattatttat 240
gaagccttaa gatccagaag tgttggtact accaaacctc tgattaacac tgtgaagtaa 300
gtgttttggg aggcagttcc atgagttggc taacatttct ttaaagcaaa tgactgcttc 360
taagcttagc cgtacaagag attttggttg aactgaaaat attagtattt cattactgtg 420
tgcagctctg tgatggacaa gcaagttggt ggacatcca ccaaaaacaa ttacttctcc 480
ttcatcgctg gcacaagctg tgtgccataa ccttggtttt tcggtatatg gatgattaaa 540
ttgtatccat tcatttttac tgatgcagta agtccaggca tcacttagtg gctgtttatc 600
agtggtaa at cctccaaaga gaaaaagatg atctgaagaa actggtgtta gtgagtgcc 660
agatcgacca actgggcata tgccttggtg aattaattca ttccactccc atgtatccag 720
attaagatag tgaagatcat tcattctagc atcctaaaaa aggataatta agttatcatt 780
ttgaagaatt caaaagcaag tcattgaagt cgtttgaata cttactcgat atctgcctcc 840
aaacacgaag cctctatttc cgacagttgc acaggcatgg gcagcacgag gtgaagggtgc 900
tttaccagta gttataggct ggctccaggt aaatgtttca gtatctaaaa tatgtacatg 960
atcattccat cctcttggtg gacttgaatt ccaaaaagat gtttcacga attcaaaagt 1020
tcccataact ttatcttcag gcaaatatcc ataccctcca aaaaatatta acttggtttt 1080
atatacccg acaccaagtt tgtccttga tgatggagga attccttggc aatcaattct 1140
ttcccactgt aacactctgt ctgctcgtgc c 1171

<210> 3902
<211> 1287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (519)...(688)
<223> similar to gi4589526 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3902

gcggccgccc	ccaccctgca	gctcaccgtg	ctgcaccgcg	cgctgctcgg	cctcgacaag	60
ttcctgggcc	gcgccgaggt	ggacctgcgg	gatctgcacc	gcgaccaggg	ccgcaggaag	120
acgcagtggg	ataagttgaa	aaccctctca	cgggtcccagg	gagggagaag	gaaggcatgc	180
tgatgggggt	taagccgggg	gaggacgcat	cggggcctgc	tgaagacctt	gtgagaagat	240
ctgagaaaga	tactgcagct	gttgtctcca	gacagggcag	ctccctgaac	ctctttgaag	300
atgtgcagat	cacagaacca	gaagctgagc	cagagtccaa	gtctgaaccg	agacctccaa	360
tttctctccc	gagggctccc	cagaccagag	ctgtcaagcc	ccgacttcat	cctgtgaagc	420
caatgaatgc	aatggccacc	aaggttgcta	actgcagctt	gggaactgcc	accatcatca	480
gtgagaactt	gaacaatgag	gtcatgatga	agaaatacag	cccctcggac	cctgcatttg	540
catatgcgca	gctgaccac	gatgagctga	ttcagctggg	cctcaaacag	aaggaaacga	600
taagcaagaa	ggagttccag	gtccgcgagc	tggaagacta	cattgacaac	ctgcttgtca	660
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gaaagatgta	aatcagcaga	aaaaaaacac	cgagacgttt	ctgtgacttc	actttcacct	780
gtcccagggg	tcaaggactt	gccttgccctg	ataaccagcc	agcaggctcc	gaatcaccat	840
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caattaatct	tttactgtac	attcccaagg	ctttagtttt	aaatgccact	gtgcctttta	960
caaggttgta	aatattttat	gccaccaga	gatgtggtca	taagatctga	tcctgagcca	1020
gagattcaga	tggcacagga	agtattcatg	tattttaaca	ctgggggttt	ctttctttca	1080
tactgagatt	ttttttcagt	atgtatcctc	cagctcttaa	agcttacctg	agaaagcttt	1140
aaatgagaaa	aggaccatgc	gattggtgct	gtgttacata	cacatacttt	cttggcttct	1200
gagtagctca	ggtgtggctt	ttggctgcag	atgttaaatt	ttgataccat	gtaaacctac	1260
ccagcttctc	agacttgggt	cttgttt				1287

<210> 3903

<211> 2055

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2056)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2055)...(1179)

<223> similar to gi733602 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3903

ttttttttgt	ttttttttgtg	ggaggggaaga	catttacttt	aggtataaag	gtttactatt	60
attaacaagt	tactactatt	atttacatgt	ttataaaatg	gaaataaaaa	cgggcataca	120
cgtttggtgc	caaaagtggg	cacatccaaa	ctaataatcag	tataaaaata	aatttttcaag	180
ctatgtgttt	ttaaaataaa	ggtcattgaa	acagtaaggg	ggaaaaaatc	tgcattctggc	240
atgtgttgaa	atgcaatcat	catcacagca	aagcagccct	ggggcaacaa	aaccagtgcc	300
tgctggaaga	actgtcccca	cgcgctcttg	caagaaccca	agcaaacaaa	caaaaaaaca	360

aatacaccag	tgatgttcc	gagctacaga	agtttagggc	atccaaactg	ttgtgaattc	420
ctgctaaaga	ggaggccctg	tgggatctga	gctgatgaac	tctcctgagt	gctcagctag	480
cgtggcacca	ggacctggca	ctacactctg	agaggacgct	aagcctacct	gtgaaacaca	540
aatcctctgc	taacacaaaa	cagcgacga	gtcctctctg	tcaatcacca	atcccttgca	600
agtctcctgg	ctgcagataa	acaggggcaa	gggctgagga	cagacagaag	ccactgggtt	660
tgggagaccc	tgtgcccata	agacatgccc	tttgggtggg	tcggcagaga	tccccaatgt	720
ttcgttcatt	cgtagagaca	tgcttgttca	cacctggcag	cagacctcat	tggttaacac	780
agctgtggcc	ccagcagggg	aagcaaagcc	agcccagcaa	accctctgtc	caccccacat	840
gggtgttttg	ccttcagtgg	ctaactttcc	tccttgtttc	ccatagagct	gggccaggac	900
tgcattgctg	ctggaagtgg	catgctgggt	tagtgagcgt	gctgagttag	ccaactccca	960
ctctgcccgc	tgcagcacag	aaggatgctt	gcccattgac	aaagtccctc	aggatcccag	1020
caaggatgca	aatgctgtgg	gcagcgggaa	gaaaggacta	atgaacaggc	cgcagcccac	1080
ttcagagcaa	ccaaacattc	cacaggagct	gggtgccagc	caccccacct	gggaccaggg	1140
gcagcagcat	ggaggagagg	acgccagcag	tccttgccag	tgtagctgtg	ggctcctctc	1200
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ggactgacgc	aggggtgatg	tgcagctcat	ggatcatcac	gatgggtcct	taagctccag	1440
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cgggtcacc	ttcactagac	ttcctgggca	cttgaaactt	gacaagaagc	tttttcaatt	1560
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atttagagtc	cttatttgtg	ttgataaatg	cttcataat	attgagcata	gtgaggtggg	1680
cgcctcctc	cacagcaaat	ttacgggtgca	ctcgaattgc	gtgagacttc	tggtttgggg	1740
ggaccacaaa	gatattctgg	atctgcatca	tggcagcgat	gcttagaatt	tcctgagaac	1800
agccgaagtt	tcctgattca	agcagcattt	tggcaaacat	gggattcaaa	ggaaactctg	1860
ctattctcat	gccaagcggg	tcagttaggc	gacagtcttt	gtccagacct	cccagagcat	1920
acagtcactc	caaggcttga	accatagaat	gtgctggaaa	aggcgacatg	aagtggaaact	1980
tganccgacg	cgtggcgnac	gcgtagtctt	cggtnntnc	nagcctgggt	aggcccccca	2040
gnnttnntcc	cgcac					2055

<210> 3904

<211> 3211

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3213)

<223> similar to gi3168991 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3904

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tttcgagaag	aaaggagctg	ggactgaagg	gtcctctgcc	ctgcggacct	gtgagcagcc	180
cctccagtgt	gagattttcc	accagttggg	atgggaccct	gtgcggtacg	acctcacggg	240
ctggctccac	agagccaagc	ccaacctctc	ggcctgggat	gcacccacag	tcctgcacca	300
gtcaaaaaga	gaggagctgc	ggagtctatt	ccaggcccgg	gccaagctgc	ctcctgtgtg	360
cggggtgtg	gcaggcctgg	agggcacctc	ccagcaggcc	ctgcagagga	gccgcatggg	420
gaggaggacc	tttgccagca	gccttgccgc	gggtgaggagg	aaagccccgt	gctcccatgat	480

caagctgcag	atggatgcgc	tgaccagcat	gatcaaaagg	tcccggctgc	actttatcca	540
ctgcctggta	ccaaaccctg	tggtggaaag	caggagtggg	caggaatctc	caccaccacc	600
gcagcctggt	agagacaagc	ctggggcagg	tggacctctg	gccctggata	tcccagcact	660
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cctgaagaag	ctcatgtcga	cctccgaggg	aatagatgaa	aggaaggccg	tggaggagct	840
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caaggcaggt	gtgatctcca	ggcttgagaa	gcagcgagag	aagctggtat	ctcagagcat	960
cgttctcttc	caggcggctt	gcaagggtct	tctgtctcgc	caggaattca	agaagctgaa	1020
gattcgccga	ctggctgcac	agtgcattca	gaagaatgtg	gctgtgttcc	tcgcagtcaa	1080
ggactggcca	tggtggcagc	tgcttggttc	cctccagcct	ctacttagtg	ccaccattgg	1140
aactgagcag	ctccgagcca	aggaggagga	gcttacaacg	ctaagacgga	agctagaaaa	1200
atcagagaag	ttgcggaatg	aactccggca	gaacacagat	ctgctagaaa	gcaagattgc	1260
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gcatgaacaa	gtccagaaaa	aactgggaga	tgtgaataaa	cagttggaag	aagcccagca	1440
gaaaattcag	ttgaatgact	tggaaaggaa	tcccactgga	ggagcagacg	agtggcagat	1500
gcgcttcgac	tgtgctcaga	tggagaacga	gttcctcaga	aagcgtctgc	agcaatgcga	1560
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gcaaagtgtc	tatgacgggg	ccaagaagat	ggctcaccaa	ctgaagagga	agtgccacca	1680
tcttacctgt	gaccttgagg	atacctgcgt	cctgctagag	aaccaacaaa	gtcgaaacca	1740
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gctggagcaa	gagtatgaag	agaagcagat	ggtcctccat	gagaagcaag	atttggaagg	2280
cttgatcgga	accctctgtg	accagattgg	ccatcgggac	tttgatgtgg	agaagcgact	2340
tcggagagac	ctcaggagga	cacatgcact	gttgctcagac	gtgcagctcc	ttctgggcac	2400
catggaggat	ggcaagacat	cagtcagcaa	ggaggagctg	gagaaagtgc	acagccagct	2460
ggagcagagt	gaagccaagt	gtgaggaggc	cttgaagacg	cagaaggtgc	tcacagcgga	2520
cctggagagc	atgcacagcg	agctggagaa	catgacgcgg	aacaagagcc	tggtagatga	2580
gcagctgtac	aggctgcagt	ttgagaaggc	ggacctcctg	aagcgcacgc	atgaggacca	2640
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gctacaagaa	cagggacaac	agatgtccaa	tagacttctc	tcatacttac	agctgcagggt	2820
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gcaggaggcg	gtcatctgtg	acctagagaa	caagacagag	ttccagaagg	tgagatttaa	2940
gagatttgag	gtaccaatctt	ctctgcagcc	agctggcttc	accacagtcc	tggtgatccg	3000
gcttcgggac	agcctgatca	agatggggga	ggagctttca	caggcggcca	cctccgagtc	3060
ccagcagcgg	gagagcagcc	agtactacca	gcggcgccctg	gaagagctga	aggccgacat	3120
ggaagagctg	gtgcagcggg	aggcagaggc	cagccggcgg	tgcatggagc	tgtcttggtc	3180
cggcctgcag	gagatccttc	aagaaggagc	a			3211

<210> 3905

<211> 2531

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(1824)

<223> similar to gi3393022 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3905

aaaacattct	tggccaaaat	ctaggggaag	ttactgccac	ttcgtactat	ataaggaaaa	60
caaagacacc	atggatgcta	ttaatgtact	ctccaaatac	ttaagagtca	agccaaatat	120
attctcctac	atgggaacca	aagataaaag	ggctataaca	gttcaagaaa	ttgctgttct	180
caaaataact	gcacaaagac	ttgcccacct	gaataagtgc	ttgatgaact	ttaagctagg	240
gaatttcagc	tatcaaaaaa	accactgaa	attgggagag	cttcaaggaa	accacttcac	300
tgttggttct	agaaatataa	caggaactga	tgaccaagta	cagcaagcta	tgaactctct	360
caaggagatt	ggatttatta	actactatgg	aatgcaaaga	tttggaaacca	cagctgtccc	420
tacgtatcag	gttgggaagag	ctatactaca	aaattcctgg	acagaagtca	tggatttaat	480
attgaaaccc	cgctctggag	ctgaaaaggg	ctacttgggt	aaatgcagag	aagaatgggc	540
aaagacccaa	gacccaactg	ctgccctcag	aaaactacct	gtcaaaagggt	gtgtggaagg	600
gcagctgctt	cgaggacttt	caaaatatgg	aatgaagaat	atagtctctg	catttggcat	660
aatacccaga	aataatcgct	taatgtatat	tcatagctac	caaagctatg	tgtggaataa	720
catggtaagc	aagaggatag	aagactatgg	actaaaacct	gttccagggg	acctcgttct	780
caaaggagcc	acagccacct	atattgagga	agatgatgtt	aataattact	ctatccatga	840
tgtggtaatg	cccttgctg	gtttcgatgt	tatctaccca	aagcataaaa	ttcaagaagc	900
ctacagggaa	atgctcacag	ctgacaatct	tgatattgac	aacatgagac	acaaaattcg	960
agattattcc	ttgtcagggg	cctaccgaaa	gatcattatt	cgtcctcaga	atgttagctg	1020
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agaagggaag	acaccaccag	tttttgcttc	tgaaggcaaa	tacagggctc	tgaaaatgga	1140
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taccagtatc	aagaaccaga	cgcagctgaa	tacaacctgg	cttcgctgag	cagtaccttg	1260
tccacagatt	agaaaacgta	cacaagtgtt	tgttctctgg	ctccctgtgc	atttttgtct	1320
tagttcagac	tcatatatgg	atttcaaate	tttgtaataa	aaattatttg	tatttttaag	1380
tttttattag	cttaaagaaa	taatttgcaa	tatttgtaca	tgtacacaaa	tcctgagggt	1440
cttaatttta	gctcagaata	taaattagtc	aaaatacact	tcagggtgctt	aaatcagagt	1500
aaaatgtcag	ctttacaata	ataaaaaaag	gactttgggt	taaagtagca	ggtttagggt	1560
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atagactttt	tggttgcggt	ggcttttgca	tttatattat	caatgccttg	caggaacgtt	1860
gcattgatag	gccattttta	tttttttatt	ttttttttcg	agacaggatc	tcactctgta	1920
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cccaggctcc	agtgactctc	ccacctcagc	ctcctaagta	gctgggagta	caggcgcgca	2040
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tttctaaagt	tgtatatcaa	aattgtatca	atttttattt	tctatgattt	ctacgcaaca	2460
aatgtaataa	atatttttaa	aatctccttt	ctactgggta	tgtaaataaa	tcaaataaat	2520
atatcaaaat	g					2531

<210> 3906
 <211> 2778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(927)
 <223> similar to gi4176376 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3906

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cactatgtgc	cattttgaaa	caaaaagctc	ctcaacaata	ccgcatccga	gcaaaattga	120
ggatcatata	gccagaaga	ctatttcagt	ctgttaaact	tcattgccct	aaatgtcatt	180
tgctgcaaga	agttccacat	gagggcgatt	tggatataat	ttttcaggat	ggtgcaacta	240
aaaccccaga	tgtcaagcta	caaaatacat	cattatatga	ttcaaaaatc	tggaccacta	300
aaaatcaaaa	aggacgaaaa	gtagcagttc	attttgtgaa	aaataatggt	attctcccgc	360
tttcaaatga	atgtctactt	ttgatagaag	gaggtacact	cagtgaat	tgcaaaactct	420
cgaacaagtt	taatagtgt	attcctgtga	gatctggcca	cgaagacctg	gaacttttgg	480
acctttcagc	accatttctt	atacaaggaa	cagtacatca	ctatggatgt	aaacagtggt	540
ctacttagag	atccatacaa	aatctaaatt	ccctggttga	taaaacatcg	tggattcctt	600
cttctgtggc	agaagcactg	ggtattgtac	ccctccaata	tgtgtttgtt	atgaccttta	660
cacttgatga	tggacacagga	gtactagaag	cctatctcat	ggattctgac	aaattcttcc	720
agattccagc	atcagaagtt	ctgatggatg	atgaccttca	gaaaagtgtg	gatattgatca	780
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tcaagtcata	caatgtcaca	aatggaacag	ataatcaa	ttgctatcag	atttttgaca	900
ccacagttgc	agaagatgta	atctaata	gccatccaat	ttagcataca	taaaatggtg	960
ccactcacct	tccctgtttg	agcttctttt	cctgacctga	gttttgtatc	agcaatggtg	1020
atgatgttag	catgggtatg	ggattagaaa	atgtccttac	cttaaatactc	ttggctttta	1080
ctcgggtgca	aggtaaataa	ttggctatgg	attttgtttt	gcctttcctg	ttttgtcttt	1140
gtacaaagag	acctgcctta	aacaagtact	gcctgagata	agtgtctgat	caagcctaca	1200
gtgtacttta	agtagaaatg	gcaaagttgc	tttgttgggg	tgctgatact	gatgatttta	1260
ggataaattc	atttctttta	acttgtaata	catgggttta	attgcttggt	tctctccagg	1320
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gtcaaattta	aaaacatgaa	tattcaattt	tatacaaa	tttatatata	tatatataga	1560
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taaataagtg	cacacatttc	aactgtttca	tttatttgcc	ctaagttgag	ctgaaaaatg	1680
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agctagagtc	tgtgccttaa	ttcacataat	ctctattcag	agcctgtact	gttaaccact	1920
caaggattct	ggaacagaag	ctaacagttt	tctgcaacga	gtccttgact	taaacatctg	1980
aaataacatt	ggaaatagat	tataagagga	gtcagtgtgt	ttttctatag	tttcaaaata	2040
cttttaacat	cttattgtca	aaaagattgg	ataactgact	ttctttgtct	ataataactc	2100
taaattctag	ttcctgagta	cattaacaca	tcttctttac	ctaactacca	atgtccccca	2160
tcacgactt	atcagcttgt	ttgagacaat	gagaaagact	gatttttatt	tcaagaatat	2220
agactcttgg	ttcaaaacat	tttcaggaaa	aatattttta	aaccctacag	ttgaacaggt	2280
gtgtttccgt	gttgatgatg	tgctcaggat	acaaaggtga	aataaacatt	ttttctgcct	2340
tcaggaagcc	ctcaatctag	aagagtagag	gtccaaaggt	gccatattgt	cacactgtga	2400
gcctgcaaga	tctccacggt	aacaaaggaa	aactcttctc	atgaatcttc	atgatgatag	2460
gccatgtctc	ttcttatttt	tgttttaaat	aaacatccac	cttatcatga	tttcttttgg	2520

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ttccatcaac	atctagtgtt	tctctagaga	tgatgtatgc	actttatgct	aatcaggaac	2640
ccagagagga	gaatttttatt	tctggagcaa	caactaaatg	gtagttcatt	gtgccccaat	2700
ttgatccctg	cccctttctg	taaacactga	tagaatcttc	ctgtcagatt	ttaaattaca	2760
caaatttaag	aaagaagg					2778

<210> 3907

<211> 1671

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1586)...(536)

<223> similar to gi5281316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3907

tttttttttt	ttctcgggaa	actggtttta	taaggacaat	tccagagggg	cctggctgtg	60
gccaaaagctg	tgccaaacgg	ttgggatcca	gagctaaagg	cacttcttgc	cacgtgagac	120
catgggagag	gctccccacg	ctatctccac	caccacagtc	atgagagcca	agcgagactg	180
gcctgtggcc	tggggctcca	cagctgcccc	gctccacctc	cggcatttac	tgggtctcatc	240
ctgagaggca	ttgggtgccc	actcactggc	tggatgctgg	gctggttcat	gggtggcaga	300
gccaggggat	accctttggg	gatgtcccta	acccctcagg	accagaggca	gcaccaagca	360
gcatgtcaca	gccagtgtca	gggtcagctg	caccctttgc	tgggactcta	gctctcctca	420
gagggcctcc	tagggccatt	ccgggcactg	tgggtggcaa	tggggagccc	cggtccctc	480
attaggccag	acaccagtct	ggccgggtca	gggaggccca	gccttggggc	ctgtcacacg	540
tagtccagaa	tctctgtctc	catttcgttt	tcactgccgt	cggatggctt	gaagtcctcc	600
tcctcctctt	cctcctcctc	ctcatcctcc	tcgtcttccc	cagactcgta	cgtcagctgc	660
tcttttccgc	catcagcctt	ggctgagctg	gaaaagagag	caggcctctt	ggagcggatg	720
gtctgccgga	tcatgaggga	catggtgtcc	ctgagctcgt	cgctggtctt	ggggaggcac	780
cacctatccc	gttctgtgca	ggaattctct	gccccgtcat	tgcggtgaat	gatcttctgc	840
aactcttcca	cattcaagtc	gcataactgg	tagaacatct	gccgataggg	tggcaaggcc	900
ccttcccga	agatgtagac	agagtccctc	agtgtctgaa	ggctgacctt	gagcttgtac	960
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ggaagcaaga	ccttgagctt	gtctgggtgg	acgctgatgt	tggccttgac	agcatttcgg	1320
gaccagatgg	gacggatgtc	aaacagcttc	ctcagctcct	cctccacctt	ccggtccacg	1380
gggttagtgc	agactctcct	ccacgtctgg	gctgcagcct	ccagtggctg	cttgggcacc	1440
tcctcatcct	caaagttgac	aaagatggca	ttgtgggggc	gccgggctct	gctcaggcca	1500
atcagattct	cacctgagat	ggggggattg	ttgtagcctt	cccgtcgcg	tcatectaac	1560
tccccgggct	cagcaagacg	cgagggcctc	cagggagcaa	atggcccatg	ggagggccca	1620
tgtcttcggg	aaaacgacca	ccgtgtcctc	gactttttat	ttaaaattaa	g	1671

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<210> 3908
<211> 890
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (890)...(294)
<223> similar to gi4456991 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3908
acttgagata agggagaata ggttcttcta attcaagata caatcaattt atgatcttgg      60
gagaacaaag tgcaaggggc cagtgagtct ggacacactc caaaggctac agagggtttt      120
atgccctgag ccttgggttc tctccaagcc acaagggggt tcataccctg ggttttagatt      180
gtactgcggc agggcagcct tccacccttt ggcacagagt ttggtgttcc aaagggtcatg      240
aggggtttta gacctggac ccaggacatg ttccaagact cttttacatt atgtcagaaa      300
aacgagccct gcctcagctc ttctgccaac atgtctccct tttttgtcct gcaaaaccgc      360
cacagctatc attgcttgtt cttggcagcg gctttctctc cagaagcggc ttccgcatct      420
gtagattaaa aggagacagc acaagcacat aattattaga acaaaattta caagtgtaga      480
gtttccagtg gtcttaatcc atttaagaga attgattgca gacaacccat tggctgcctc      540
gctgaaaata tcagttccag ggagcagggt taagttagcc tgagaggctt caaaaacctg      600
ctcttttact tttacaatat caaggggtgag attttcctct ctgccacta gatggcattt      660
aatttcccat tgggtgttctg tttcattcta actatgagga gtaacgcaa aatcggatgt      720
attccagtca cattgcattt gaattctagt ttctaaactt atgatgcaat ccccatcca      780
aattactgtc tgaggggagat cattaatttg actaactata tttgatctg tttgggcctg      840
agagctccat aatttcatag aattcttttt ccatttatca acaaatttga      890

```

```

<210> 3909
<211> 403
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (12)...(205)
<223> similar to gi2661037 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 3909
cggacgcgtc ggacgcgtgg gttacagaga aaggaaatac tgtgttagaa tttttagtag      60

```

gactctttaa	accttttgtg	gaaagctatc	aggcaaattg	aagaaggaga	gagagtgact	120
aatacgatca	gtgatttcac	ctcaccagtg	agaccttgct	ccccgcattc	aggaggaagc	180
ttggttcatt	acagacccaa	gaggacaaca	gcttagtgat	gccatgggtca	cagtattcac	240
aggaccacag	ttacacccac	gcatcatctg	tcatactgtg	tctcatgtct	taacgaggcc	300
ttcatgtcag	tcaatatgta	acctcgaggt	ttgatataata	tcaggcactc	agtaaaggca	360
agacttgagt	gatacataaa	gtcagttaca	gattaccaga	tn		403

<210> 3910

<211> 3202

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2146)...(3113)

<223> similar to gi3882179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3910

tttttttttt	ttgagataat	taggtaagaa	gattttattgt	ttacccttgc	agtgtttatg	60
gggggaaaag	gtatttacag	aattactgtt	gctagcgaga	atatacagta	aagtttaaaa	120
cattttggag	aactgatttt	gattcttaaa	atgtgtcttt	ttgcaacata	tgctctgggt	180
acctataaat	acattttattt	tggcccttga	aaacattcac	atcctattct	ttgttagcct	240
tatttttcca	gtccttggtt	actctctcag	tgctggataa	taaacctgca	tttcttttaa	300
aacattttgt	cagtttcggc	atcagtgctc	tccccagca	ctcccttaat	ctaaattagt	360
aacattttac	tgtatgaaaa	atagttgctg	ttaactaaaa	attcaatagg	tgagttagac	420
atggcttttc	aagtaggatt	ttcagtggtc	tcagattcca	tcatacacia	gtgtatgttt	480
tttctgtgta	agttttttcc	gtgtaagttt	tttccgtgct	caaccgtaag	tgctcaacca	540
tcttctcccc	acttttagtct	gctatgtcaa	aaaactgcat	caagcttttg	tgtgaagatc	600
ctgttttcgc	agaatatatt	aatgtatcc	taatggatga	aagaactttt	ttaaacaaca	660
acattgtcta	cacgttcattg	acacatttcc	ttctaaaggt	acgtagtact	ttggaaactc	720
agtgtgtcat	ttccaattag	ttaatgcttg	tggtttcatt	atgctggctc	tttgagatt	780
tttttaaatc	ttctttttca	ggttcaaagt	caagtgtttt	ctgaagcaaa	ctgtgccaat	840
ttgatcagca	ctcttattac	aaacttgata	agccagtatc	agaacctaca	gtctgatttc	900
tccaaccgag	ttgaaatttc	caaagcaagt	gcttctttaa	atggggtaag	aactatgcag	960
aggcggcggc	acacactttt	aaactgtcct	tcagttaact	gtgtggcctt	catatgattt	1020
tactctcgta	actttaactt	actgattcaa	actcttaagc	catgtgcgac	aaaaaaacaa	1080
gttttaata	cacgtttact	atgccttgta	tgtacacagc	acactctatc	accttggaag	1140
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ctctagttgg	gtatatTTTT	ggaaacaata	cttgtgatgt	ttctattact	gcctatggct	1260
cctatgtaac	tgaacaatt	aatgatctac	tgatttaaaa	aaggcagtta	aatctagagc	1320
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aatgggcta	gaatgttgag	cagcagcctc	ccaaatcaca	gtatgcataa	aagccaaaac	1440
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tgagaaactg	atttcaagggt	ttgtttttaa	aattcttata	tttcttttct	catttttcag	1560
aaaacactat	ttcaggcttt	ggtctgactt	actggttcgt	gggcataaaa	taatgctatt	1620
agtgacttta	agaactaatg	aggctgggca	cggctggctca	tgcttgcaat	ccaagcattt	1680
tgggaggtcg	aggccgggtg	ataacgaggt	caggagattg	agaccatctc	aatggccaac	1740
atggtgaaac	cctgtctcta	ctaaaataga	aaaaattaag	ccaggcgtgg	tggcggggcg	1800
ctgtagtccc	agctacttgg	gaggctgagg	gaggggaatc	gcttgaaccc	gggtggtgga	1860

ggttgcagcg	agccgagatt	acaccactgc	actccagcct	tgccaaagaa	caagactcca	1920
tctcaaaaaa	aacaaaaaca	aaacaaaaaa	aaaaacaact	aatgaaatgc	tgtagtatct	1980
taacactggc	tttctggttt	tatcattcta	agaatcccag	agaaaccagg	gtattcttag	2040
gaaagaatgg	attcctggga	aaataaacat	ctgcaattaa	ctgtaaacia	ctgcatcaaa	2100
gtgttggtct	tagaatttga	aatgttccta	tctgggtttt	tgtaggacct	gagggcactc	2160
gctttgtctc	tgtcagtaca	caactccaaa	cagttaaacc	cagctctaata	tccaactctg	2220
caagagcttt	taagcaaatg	caggacttgt	ctgcaacaga	gaaactcact	ccaagagcaa	2280
gaagccaaag	aaagaaaaac	taaagcgtaa	gctttatgga	ctactatcat	tacctttagg	2340
gtgggaggag	ggagtaatac	acttggtgta	actggtttaa	gagttgtgtg	ttcagctgaa	2400
cctcctaaat	ataaatgcta	gaaacaaaat	taacttccca	catccccccc	taacgtgatc	2460
ttaatgactt	tcagagaagt	ttcccttttg	gcatgtgttt	tcacagatga	tgaaggagca	2520
actcccatta	aaaggcggcg	tgtttagcagt	gatgaggagc	acactgtaga	cagctgcatc	2580
agtgcacatga	aaacagaaac	cagggagggtc	ctgaccccaa	cgagcacttc	tgacaatgag	2640
accagagact	cctcaattat	tgatccagga	actgagcaag	atcttccttc	ccctgaaaat	2700
agttctgtta	aagaataccg	aatggaagtt	ccatcttcgt	tttcagaaga	catgtcaaata	2760
atcaggtcac	agcatgcaga	agaacagtcc	aacaatggta	gatatgacga	ttgtaaagaa	2820
tttaaagacc	tccactgttc	caaggattct	accctagctg	aggaagaatc	tgagttccct	2880
tctacttcta	tctctgcagt	tctgtctgac	ttagctgact	tgagaagctg	tgatggccaa	2940
gctttgcctc	cccaggaccc	tgaggttgct	ttatctctca	gttgtggcca	ttccagagga	3000
ctctttagtc	atgtgcaga	acatgacatt	ttagataccc	tgtgtaggac	cattgaatct	3060
acaatccatg	tcgtcacaa	gatatctggc	aaaggaaacc	aagctgcttc	ttgacattag	3120
gtgtagcatg	tctactttta	agtcacctcac	ccccaaaccc	catgctgttt	gtataagttt	3180
tgcttatttg	tttttgtgct	tc				3202

<210> 3911

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (810)...(499)

<223> similar to gi5734705 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3911

tcggccccct	cactgcaagc	agctgcaccc	agttaacccc	cagctcctga	cactgacccc	60
acacccacct	accagaggact	caccctgtct	ctcactaacc	cccgaactaa	ctcaaccctg	120
cctcccacac	tgcacctgcc	ctcacgaccg	acccccatct	cacccccatc	aacatctctg	180
cctccctcct	tggtcctagg	gtttttttta	aaaattcaat	caggaaaacg	gagggcatac	240
ccagaacact	tctgggtgca	gaatggggag	agaaaggctc	agccatccgt	ccatgccccct	300
gtgaattcag	ccagcgctta	gacagcacc	acgcatccca	ggtactgggc	atggggagtt	360
caaccgtgaa	caaaaaccat	gccccagga	gcttccgctt	tggagcagga	ggcagacacg	420
gacctagaaa	gtcatggttt	gaggcgatgt	atgctaaaaat	ggaggagga	cagacagtga	480
gaggaacact	agaaactccc	aggggatggg	gccgggcatc	aggggaagact	cgatatctgc	540
agtggggcct	taagggttgag	caggagttct	gaccacacgc	agaggaagaa	atcccatcga	600
caggaacggt	tgaagggaac	cgcaggacag	agcttaggag	actagactgt	ggaggaggga	660
ttctcaggta	gatatgaggc	aggcaccggg	ctgagaggct	gccaccttgt	ctaggggctt	720
ggggaggagg	cagggtgagct	gggaggggca	gctctggggg	cttgtgagga	tggactggag	780
gtgggagggt	ggaagttagg	aggctgaggt	gacagggtga	agcgtgagct	ggg	833

<210> 3912
 <211> 1456
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(819)
 <223> similar to gill199604 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3912
taaccacagg aaagttctct ctggagcaaa gcgttatgaa tgcaatgaat gtgggaagtc      60
ctttgcttat acatctagtc tcattaaaca caggaggatt cacactggag agaggcctta      120
tgagtgcagt gaatgtggga gatcctttgc tgaaaactcc agtcttatta aacacttgag      180
agttcacaca ggagaaaggg cttatgaatg cgttgagtgt ggaaaatcat ttcgccgaag      240
ctcttcactc ttgcagcatc agagagttca cactagagaa aggccttatg aatgtagtga      300
atgtgggaaa tccttttagct taagggtccaa cctcattcac catcagcgag ttcatactgg      360
agaaaggcat gagtgcgggc agtgtgggaa atccttttagc cgaaaatcta gccttattat      420
acatctgaga gttcacactg gagaaaggcc ttatgagtgc agtgactgtg ggaaatcctt      480
tgctgaaaac tccagcctta ttaaactctt gagagttcac actggagaaa ggccatatga      540
atgcattgat tgtggaaaat catttcgcca cagttcttcg ttccgtcgcc atcagagagt      600
tcatactgga atgaggcctt ataagtgaag caaatttttg aaattctctt gccaggcctt      660
tttgctcctt caaggccaga gagttcacac cggatcaagg tgttatgagt gtgacaaatg      720
gggaatatte ttttagctaga atgctagctt ctttacataa aagagtgtct ccactgaaga      780
agtgcctttt gagtgcaatg aatgtgagaa agccttcagc cctctctcat tggttaccac      840
aatattttaca tgaggaaaat accacagatg tggaggtaat attatttttt cttcaatata      900
acactggagg aaacccttta tgaggatgcc atctgcctaa attgaatgtc atacatcaaa      960
tagctgcata cattccaggt atgtgggaac tgcatagtat ttttcgacct gccagggtct     1020
cttgctagac ttctgtgact tacagttctc ttctaaaaag catttcacct ttaccacttg     1080
gcagggtgcc acagtacatc attcgcctaa ctcacatga tccagaagta actttgattt     1140
tgtttcattc aacagagggg ttttttagta tctcagcac tcattctatt ctcatttctt     1200
tctctccaat gagttaggcc atgaacctga ctcatttttg gcacagagga ctcttctgat     1260
aacttgaaaa aatggactac ctttttcagg gatcttttgg atctcacaga gttcttaaga     1320
tggaattttc cagcctgcca gtcatgaatc tcagacagcc tgccacctat tgccctgatt     1380
tgtgttataa taaaggcctt gttgcttaag acaccttcag tctttgcagg agggcatgga     1440
agctccaaaa aaaaaa

```

<210> 3913
 <211> 1269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1271)...(227)

<223> similar to gi4105619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3913

tttttttttt	ttcctaaatt	acagtatttt	atttaatatg	ccttttaaaa	ataaatgagc	60
cttagcttat	caggcacaag	ttttttttgt	tttgttttgt	tttatttatt	cacttacagg	120
aaatataaac	acaaattcta	aaagtgtgaa	gttgcaaagc	acaggcaagt	tcacatttca	180
attaatgtga	actgaacaag	agtttaaggt	gattttttaa	taccttccac	gttagaaaat	240
ccttctttct	taaataagtt	ttcatataaa	gccaagtcct	tgcaacttaa	cgacggtttt	300
acagtcttaa	gtgatttttag	aaagtgtctt	tgtttctactg	tagttgcgtc	tagtccattt	360
tcttgagag	ccagcaaagc	agcttctgtg	cagaggtttc	taagatcagc	tccagaaaaa	420
aaacagggtt	ctgctgcgag	gttttctaag	gagacatcag	gccctattgg	catgggtttt	480
gtacagactt	ttaaaataga	aagcctgccc	ttgtgatctg	gagggtggat	atagatgatc	540
ttatctaate	ttccaggctc	taacaaagca	gtatctaaca	catcaggctc	atttggttgc	600
gcaataatca	tgacacttcg	gttaaaaact	tcttgaaact	ctcttcattt	tttcagctcc	660
ttgtatttac	cctgttgact	tgatttactt	cctcttctct	ctattgtctt	aagtccaaca	720
ccatctaatt	cattcaggag	aacagaaaga	actcgttctt	gaacatcaca	tctgtcttg	780
ctggctgagc	gagctcccaa	gattgaatca	atttcatcca	aaaacaaaat	tgctggagtg	840
cttgctcttg	cttgctcga	tatctgagac	aacacttttt	ctgaatctcc	aacaaacggt	900
gaaaacagat	cagctccact	cactgaaacg	aaagagcagt	gacagcttgt	ggccagggcc	960
ctcaccagag	tgggttttag	acatccagg	ggcccataga	ggagaactcc	cttggttgt	1020
gtcaggccca	ttctaacaaa	ttcccaagg	aatttcagag	gccactcaat	gctctgtttt	1080
aacttcagtt	ttacatcttc	aaggccacca	atctcctccc	agtcaacagg	cttgatatcc	1140
attaatccaa	tgacgcttcg	aaacgatgag	ggctgaatat	ttttaaagc	ttcaaggaag	1200
tctatttcat	caatcacagg	attgtccttc	tcactatgaa	ggagggcatg	catggcagcc	1260
tccctacag						1269

<210> 3914

<211> 1449

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1451)...(1226)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3914

tagatggtga	gtgccccttc	ccatccaaaa	ggtctcagca	cactgatgat	agtgccttgt	60
gcatgtcgct	gtcagggttg	aatcaagtgg	gctgtgctgc	taccctgcct	cattcttctg	120
ccttcacgcc	tcttaagagt	gatgacagac	ctaagtctct	attaagttca	cccgaacag	180
aaacagttca	tcattcccct	gcatattctt	ttcctgctgc	tatccagaga	aatcagcctc	240
agcgccctga	aagcttcctt	ttccgagcag	gtgtcagggc	agaaaccaac	aaaggtcatg	300
cttcacctct	tctccatct	gctgcaccta	ccactgattc	tacagattcc	ataacaggac	360
agaattcaag	acagagagaa	gaagagctgg	aattaataga	ccaactgcgt	aaacatattg	420

agtaccggtt	gaaagtgtct	ctaccttggtg	atctcggagc	agctctaact	gacgggtgttg	480
ttctttgcca	tttggccaat	catgtgcgac	ctcgatctgt	ccaagcatt	catgttccct	540
caccagctgt	agtaagttga	taatcctaaa	aagccttggc	tattcatcag	acatttggtta	600
agcacagtgg	acagacattt	cttaagcatt	gtgctagata	ttaaggatac	agatataaag	660
agtccagtct	ctaccttcct	ggtctcactt	ctactcgaga	agaaatagac	atgtatacag	720
ctacttacag	cagtgcgata	aatgtaagaa	aggcatgtac	agtgtgtgtt	atagggatat	780
aaaaaggggc	cacttaactc	cacctggaga	gttcagggaa	gccttcccag	aacggggcaaa	840
atttgaacta	attcttgaag	tttaagaagg	aattttccag	cagtacagag	aggggagggg	900
gccttccagg	cataggattt	ctagattcag	aagctaagga	aagtttggct	tttacttaag	960
gaattggtaa	attgttcaga	atggatcgtg	cacagggttg	taatacaaat	ggtaaggggt	1020
aaggctagag	acgtgagctg	gggccgtggt	acaaaggcct	tatgaaccgt	gtgaaggacg	1080
tttaccctag	tacagacaat	gaggatacac	tgaattaaag	aggggaatacc	atgattctaa	1140
ctgcagttta	gaatgatgaa	tctaggctgg	gcgcggtggc	tcatgtttat	aatctttgca	1200
atttgggagg	ccgaggcaga	cgattgcttg	agcccaggag	tttgagacca	gccaggacaa	1260
tatggcaaaa	ccccgtctct	acaaaaata	caaaaatcag	ctgggtatgg	tggcatgtgc	1320
ctgtggtccc	agctactcgg	gaggctgatg	tgggaggatc	acttgagccc	aggagttcga	1380
ggctgcagtg	agccgtgatt	gtgccagtgc	actccagcct	aggtgagaga	gcaagaccct	1440
gtctcaaa						1449

<210> 3915

<211> 1550

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1272)...(655)

<223> similar to gi4185892 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3915

tttttttttt	ttatatttta	tcaattttat	tgaaatattc	caaggatccc	aaccccatTT	60
aaaaataaaa	attgtaaagc	actccattca	ataaaagcac	ataagtcccc	ctcaataatt	120
agtatgacaa	ttcacgatac	agctcttact	ctgggagagt	ttattttacc	ctttattcca	180
aaaggcacaa	agtcacttga	ggcctcagat	attaacccca	ctgcatgtta	atgacacacc	240
actgaggtgc	agctcaatgt	aattattaaa	gcttataaca	cacttcccc	agaatttata	300
gattctttct	ataaataata	atttaaaaa	tactgcacct	taagaccaat	acaggcttaa	360
caaaagacct	gaaatttctg	caagggcagt	tttgtttctt	gatagaagta	caacttttga	420
aagtctattc	ccagcaaaa	aaacactaga	cccagcttgg	ccaaagaaac	aaaataaaa	480
aagtgatttc	taacacgcta	aaagagtaca	ttttcatcag	ctccaaagaa	agcagtctctg	540
gtcattcaga	aggctcctat	gatcccacca	gtctgcagtc	attagaaata	tatgctttac	600
aggccacagg	ctgctctgga	tttggtttca	gacaccagtg	accagaagaa	gccagttttg	660
cgtgtgaggg	gtgtgggccc	ccgctgcctt	gggctgtctc	accggggtgg	atggaccccc	720
gccgggtcac	agcctgctgt	cacgtctgga	ctgttgccct	cttctgcatc	tgggctgttg	780
ggctctcctg	ctctctgtcc	ctcagtcacg	tcattgtctg	gctgtccggt	gctggctgca	840
ctctcatttg	tgaggataac	cccttccttc	ttcttttctc	ccaatacctc	cagccccatc	900
atcctgagat	aatgaagccg	ttcattcttg	ggcacaaaag	ttcgaatgga	ggcctttccc	960
cgccatccgc	ataagacgat	gggacactgc	agagcgtctg	gattcgcaga	atctggttca	1020
tacttcagca	cgatgcttcc	ctttgccagg	tcctttgctt	gactgtaggt	ctcactgctg	1080
agttttctaa	aaaagggatt	ttcctgggtc	aacagtatct	taacatcttc	cattgatata	1140

gtaataattc	ttgagttaat	aatgggatac	aatgtatata	ttccctcctg	tgccagccgg	1200
aaagcacagt	caaactcttc	accgctgtta	tttctacacc	agactttgat	ccccgtgtta	1260
ataacctgta	agtaaaaaaa	taagatgaaa	cacagagaga	tgaagacagg	accatctcct	1320
gtaaggatgc	cggggccacat	ggagcaaccg	tcacggaatg	ggaaaggaga	ggagaagcag	1380
aaaccacccg	agaaaccccc	gttaagaacg	aactgatact	cacaacttgt	gattacgtcg	1440
cttgaggagc	agtaaagcaa	atgaaaaaag	ggcaacccaa	tggccaaatt	ctaagggaag	1500
taccgcacgc	gtggggcggtg	gctcgacccg	ggaatgccgg	agtaaaagta		1550

<210> 3916

<211> 638

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (618)...(136)

<223> similar to gi2578453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3916

tttttttttt	ttgtgtgcca	caagtttatt	actcaataaa	tattctgtgg	tttgacgtgc	60
tgtattgtat	ttttaatgta	tcttgatgag	aaaaacaatc	ctaagacatc	ctgtaagtat	120
cagacacgat	tgaataagaa	ggggaatgac	tccatgaaac	tatatttggc	atcagtaaga	180
ttctttctgc	agttttctcg	aaagcgaacc	attcctggtc	tgtgaactaa	tgcttggtgg	240
tcacctacat	aagaaacaac	aatgggtgca	tccgaaaaat	attcgtcaat	ttgtttaaga	300
cccttttcca	cagtgaattc	accgtgagtc	atccacttga	tgtttttcaa	agggtttcgc	360
tctctttcca	caatcttaac	agcataattg	atgacatcct	caaccagagc	tagagctact	420
tgagtcaatt	catcctcgta	gttcttgtct	tgtgtattcg	gcattgtttg	gcttgccggct	480
ttgttatcct	catccattgc	tttctggctt	gttgaatttt	gagtctcact	cattttcttt	540
ttccggagtg	agcagatctt	ctttgcttgg	aacaggagca	gtggtaggtg	gctgggggatg	600
tctcaggatt	ctctcagtag	cttctctcag	attgccag			638

<210> 3917

<211> 2057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1338)

<223> similar to gi3461882 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3917
gaacgacaga tgaaatccag ataagtgacc cgaccctcag gtgcaccta gaaagaacac      60
gtaaatgtag tttttattgg ccatgtagac gctggcaagt caacgatcgg aggacagata      120
atgtttttga cccgaatggg tgacaaaaga acactggaga aatatgaaag agaagctaag      180
gaaaaaaaca gagaaacctg gtatttgccc tgggccttag atacaaatca ggaggaacga      240
gacaagggta aaacagtcga agtgggtcgt gcctattttg aaacagaaag gaaacatttc      300
acaatttttag atgcccctgg ccacaagagt tttgtcccaa atatgattgg tgggtgcttct      360
caagctgatt tggctgtgct ggtcatctct gccaggaaag gagagtttga aactggattt      420
gaaaaagggtg gacagacaag agaacatgcg atgttggaag aaacggcagg ggtaaaacat      480
ttaatagtgc ttattaataa gatggatgat cccacagtaa attggagcat cgagagatat      540
gaagaatgta aagaaaaact ggtgcccttt ttgaaaaaag taggcttcag tccaaaaaag      600
gacattcact ttatgccctg ctcaggactg accggagcaa atattaaaga gcagtcagat      660
ttctgccctt ggtacactgg attaccattt attccgtatt tggataactt gccaaacttc      720
aacagatcaa ttgatggacc aataagactg ccaattgttg ataagtacaa agatatgggc      780
actgtgggtcc tgggaaagct ggaatccggg tccattttta aaggccagca gctcgtgatg      840
atgccaaaca agcacaatgt agaagttctt ggaatacttt ctgatgatac tgaaactgat      900
ttttagagccc caggtgaaaa cctcaaaatc agactgaagg gaattgaaga agaagagatt      960
cttcaggat tcatactttg tgatcctagt aacctctgcc attctggacg cacgtttgat      1020
gttcagatag tgattattga gcacaaatcc atcatctgcc cagggtataa tgcggtgctg      1080
cacattcata cttgtattga ggaagttgag ataacagcgt taatctcctt ggtagacaaa      1140
aaatcaggag aaaaaagtaa gacacgaccc cgcttcgtga aacaagatca agtatgcatt      1200
gctcgtttaa ggacagcagg aacctctgc ctcgagacgt tcaaagattt tcctcagatg      1260
ggtcgtttta ctttaagaga tgagggtgag accattgcaa ttggaaaagt tctgaaattg      1320
gtcccagaga aggactaagc aattttcttg atgcctctgc aagatactgt gaggagaatt      1380
gacagcaaaa gttcaccacc tactcttatt tactgcccat tgattgactt ttcttcatat      1440
tttggcaaag agaaatttca cagcaaaaat tcatgttttg tcagctttct catgttgaga      1500
tctgttatgt cactgatgaa tttaccctca agtttccttc ctctgtacca ctctgcttcc      1560
ttggacaata tcagtaatag ctttgtaagt gatgtggacg taattgccta cagtaatgaa      1620
aaattaatgt actttaattt ttcattttct tttaggatat ttagaccac ccttgttcca      1680
cgcaaaccce gagtgtgtcc agtgtttgtg tgtgtgttaa aatgataact aacatgtgaa      1740
taaaatactc catttgaaac tcttcggtta tttgaaatgc ttttgaataa tgtttaaatg      1800
tcattatgta atgctattca attagcttta ttactttctc aaatagttga atatgttcta      1860
tcacttaaaa acttaaaaaa tcttcaccac ttactgtttt aagtgaggaa tttacaaaca      1920
atgcataagt gtgtattaaa ggaataattt taattttgag aaaaaaacgt atgttaaggc      1980
tcttcccagt gggctttgtt ttctctgtcc aagtcagtc aataaaggag ctcttctgct      2040
tcccacttg tgatttg                                     2057

```

```

<210> 3918
<211> 442
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (3)...(442)
<223> similar to gi3108057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3918
atccttccca gaaaaattca ggcacagata tggaaccaag gactgttgag ataaacaggg      60
agctcagtga tgccttggga atcagtattg ctggaggaag aggaagtccc ttaggagata      120
tccccgtatt tattgccatg attcaggcta gcggagtggc cgcacggaca cagaagctta      180
aagttggaga tcggattgtc agcattaacg ggcaaccttt ggatgggctg tctcacgcgg      240
atgtggttaa tctgctgaag aatgcctacg ggcgcattat cctgcagggt gtagcagata      300
ccaatataag cgccatagca gctcagcttg aaaacatgtc tacaggctac caccttggtt      360
cgcccactgc ttgacaccat ccanaagaca caaaggagca nctgcagatg acggccgatt      420
taaacgaggg atcagattta tc                                         442

```

```

<210> 3919
<211> 844
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(662)
<223> similar to gi2291232 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3919
tgcattgcta gtcagtttgg ggcaacattc tttatcatct ctgcttcacg gttaacttct      60
aaatgggtag gtgaggggga gaaaatgggc cgtgcattgt ttgctgttgc aagggtgtcag      120
caaccagctg tgatatttat tgacgaaatt gattccttgt tatctcaacg gggagatggg      180
gagcatgaat cttctagaag gataaaaaca gaatttttag ttcaattaga tggagcaaca      240
acatcttctg aagatcgtat cctagtgggtg ggagcaacaa atcggccaca agaaattgat      300
gaggctgccc ggagaagatt ggtgaaaagg ctttatattc cctcccaga agcttcagcc      360
aggaaacaga tagtaattaa tctaattgcc aaagagcagt gttgcctcag tgaagaagaa      420
attgaacaga ttgtacagca gtctgatgcg ttttcaggag cagacatgac acagctttgc      480
agggaggctt ctcttggtcc tattcgagcgt ttacaaactg ctgacattgc taccataaca      540
ccggatcaag ttcgacccat agcttacatt gattttgaaa atgcttttat aactgtgcga      600
cctatagttt ctccaaaaga tttatagctt tatgaaaact ggaacaaaac tttatgttgt      660
ggaaagtaag tgggatactt gtaatcaagg catctctgta ttcagtcctc tttatgttgt      720
agcatataaa gtttgggtgt gttaatatga tttttaagac tatcttctaa atactgtact      780
tgaccatata tcacagattt tacatctgat tgacatagtg tatgttaacg tacgttaggc      840
atcg                                                                844

```

```

<210> 3920
<211> 1018
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (104)...(153)
 <223> similar to gi510184 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3920

atattatttca	tataaatctc	atatggtaca	aaagtattac	atgcttgggc	ctgtcttgca	60
aaataagagg	ttctttcagt	tcttcaggcc	aaccttcctt	cagaggcaaa	taaataagaa	120
acatgtagaa	catattttaga	aaatttttta	ccataataaa	aatatgtgaa	catcttatat	180
ttagcatagt	ttagcaatcc	agtttatgtc	gacaaattta	gttcaactgt	gggaggcaca	240
tgtcacagaa	gaacctaaata	ggcagcagat	attttaacct	gtaggaacaa	aatgtttaac	300
atTTTTcttg	tattttttga	agaaggctact	ccatttgtac	attcaagttt	ggttgggcct	360
tttttagtctt	tttggttcagt	attttaaaca	cttccatttt	cttctttttg	tactgccttt	420
gggtctcttc	tctctcctgt	tttctcctct	cgaattcttg	tttcttagca	gcacgttttg	480
cttgatatctg	ttcatattct	tcttggtgctt	tttgatttga	tgttttcttt	ttatttttct	540
ttggaattgt	aaaggagttt	actgttttaa	tacattgttc	ttctggctga	ggctgggtcaa	600
agctacactg	atcttcaaata	aaaggctcgt	caatgctaca	ctgttcttca	agcaacggct	660
ggtgaacttg	ttctgacaaa	ggatggctga	cttttcttgc	ttgcttctta	tgtctttcct	720
cttcagctaa	atagagatgt	ttcagattat	ctgggtatcg	atctgtgaat	tgagattcca	780
gtgacgtttg	agccttcttt	tccttccgta	gcaatttctt	gtaactttgc	tgtattttca	840
gttttcttcg	aaaagcaaaag	ccttgctcct	cgcgaacgct	ccccacgaag	gcttgcggtt	900
ggttaggccg	ccatgtcttc	tgtctcacat	tcttattcct	gtacccgaca	gtggaaaccc	960
cttcaccacg	cgcctcaata	ccaccaggcc	gccacttcgc	ggaccgcctc	accggcgc	1018

<210> 3921
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(169)
 <223> similar to gi4579725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3921

aagggttgct	tggtgcctc	cttcaactgc	atcttctctgt	atactgggga	actgtatccc	60
acaatgatcc	ggtgagtga	agcctaattg	gagaatgaca	gccttttcct	ggggaaagac	120
attcttctgt	gcacaggcca	gacccagag	ctaaatcaag	tacatcccag	cccaaaggcc	180
cctcccaaca	ctcatcattg	caaggcacat	agtagccact	gagtacacac	ctcatggcct	240
agctaacaca	ggtgttactg	tcctctaagc	ccttacggga	ccctagaaga	tctcaaaagt	300
agccaccaac	tggggcaggg	taaggaaaca	agaagacaca	tctcagagac	aacaaatcga	360
agtcttcctt	taatctccaa	aacacaaatt	agaagctgcc	accacatcta	cattccatct	420
ataaaccaag	tgatatatct	gaaagcaaag	gccacaaaca	tgaaagcaat	ttcc	474

<210> 3922
 <211> 2263
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (34)...(719)
 <223> similar to gi5532389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 3922
aaagatgtta aacaaagtga atttgggaca tgctgctcgt actgtgtgtt acagccctga      60
agggacatgg tggctattgg aatgaaaaat ggagaattta tcattttact agtgagttct      120
ctaaaaatat ggggaaagaa gagagacagg agatgtgcaa tccatgatat cagatttagt      180
ccggattccc ggtatctggc agtaggttct agtgagaact cagtggattt ttatgaccta      240
acgctggggc ccactcttaa cagaatcagc tactgcaaag acattccaag ctttgtcatt      300
caaatggact tctctgcaga tagcagttat ctccaggtct ctagtggctg ctataaacgg      360
catgtctatg aagtgccttc aggaaaacat cttatggatc atgccgctat tgacagaatt      420
acttgggcta catggactag tattctagga gatgaggttt tgggaatctg gtccagacat      480
gctgagaaag ctgatgtcaa ctgtgcctgt gtatctcatt cagggaatcag tcttgttaca      540
ggagatgact ttggcatggg taagttatct gacttcccat gtccagaaaa atttgcaaaa      600
cacaaaaggt tcttgggtca ttgcctccat gtgacaaata ttcgatttac cagtgggtgat      660
cgacatgttg ttagtgctgg aggtgatgac tgcagcttat ttgtctggaa atgtgtacat      720
acacctcact gagagatgct gagatgacta cagaaattaa ctttgagacc agaattacag      780
agaagaaaaa ccaaaaccca accctgcatg gtcaagtggg gctaacccaa gactgtaaca      840
gggagaaatg ccagaatca tcaaaatagt gaaagactga tctgttcaaa atatttgcta      900
tatgcactgg gtataatccg taatccatac actgccagat aatgccattt caaggaagga      960
tcgaatactt gatggtaaag gccaaagtcct cctgtattgg gaagtgtgtg atttcggcag     1020
acctgctggg aaaatttagg gtagagcact ctttacagaa gaactcaaaa acccaatttg     1080
gataattttc attatctttt tatcaaaatt ttttcttaat gtttatattt tattttcaag     1140
gttcattggt taatgaaata ttttattctt gcatttccat aaggaaaggg aaagtcatga     1200
tcacctaataa ggatcacagt ttttaaaagg caaacatttt ccctaaggaa acagacacaa     1260
gctttcctag agaatatgat gttttttagg cattaataag gtcctttttt ataaaggaca     1320
cttttctcct agtagttttg aattcaggaa cagatccaaa gttagcagta tatggctgct     1380
acatttccat tttcattttc gagccatcag tttatgttca gatgccatct ctgtaatcgc     1440
acatttaaaa cataactgta gcctcactaa tggaaaagta gtatgatgaa caatcattcc     1500
caatggtgta caatgtaagg gtttttagga gcaacagtat ttaactggaa gaaagaattg     1560
catatttaat gtagtctaata atatacacat ttgtttaaca tgtaaacaaa agtgttaaat     1620
tcacatatac aacattatac aatttaatac ctcttggaat aaaattttta tagccttttt     1680
tctattggga aaatttggtt agatgtgtgc cactccatag gtttatttcc aaaatgaatg     1740
agcccaactc catttgtaaa aacttgtcag ttagaattcc tttttttagt ggattagggc     1800
tgaattctta gatccttatt tcttttctc ttaaagtctg ccaaagatca ctactcatca     1860
ttcaggaatt cgctgtctag cctatctgta gtttctgaa gattgaaaat tatgtagact     1920
gctattttaa aatatatttt tctaagtgtg aggtttaaga tgctgtattg accctatgag     1980
tttttaatgt gttaattatc tttatagcat aatagatcgc tttaggttcc tggaatccca     2040
tttggctcga caggatatat gaagattcct aatacctatt ttctgtgtct aatacttggt     2100
taatactaaa aatagaaatg actaaattac atcacagaaa gcataaccag tgattgaacc     2160
tggtagtttt aaagctctaa atagctgtgg ctgaaggact gattatgggg ctaagaagct     2220
tgaaacgtaa gttggtactt gttcatcagt ggattctcct aaa                        2263
  
```

<210> 3923
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (582)...(367)
 <223> similar to gi4406672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3923

tttttttttt	ttttaataac	tgttcagcta	caaaatttta	ttggtatctt	tttatgttcc	60
ctctagagga	tgtaatgcac	aaaagcattg	ccacggaaca	tataaaatta	caaatgaaat	120
ttattgtaaa	aagtagaatg	tcttctagac	tggtgtcagt	atttatgtca	ttcataaaac	180
aaaactgctg	tataatatat	tcattgtcag	caagttcatg	tgtgtaaatt	gccatccaat	240
gttattgact	gatataagac	agatattgaa	aagacaattt	aaatttactc	ttccaaacat	300
aaactgttcc	acaaaagcac	tgtaaaaact	ccttcaagat	tttgggttgt	gcttgacatt	360
tatggttaac	tacataattt	ggtcgtgtca	taatccattg	tgtttggtgaa	tttggcatta	420
aacgcctgca	gagcagattg	gacctcacc	ccctcactag	tagacagctt	gagtctatga	480
cgaagcaagc	aagagaaaag	atctagacga	cgctgccag	gtggggagag	tttatctact	540
agagatcaga	gcccgtgtag	ttgcaaaagt	gctgaatcct	g		581

<210> 3924
 <211> 1275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (322)...(640)
 <223> similar to gi2393890 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3924

cccacgcgtc	cgccctagtc	tgggggcagc	ccgaggccta	taccggctac	accattcaga	60
agcacctgaa	ctccacggaa	aaatcagaag	ctcaaacttc	ctggtaactc	aaggctacca	120
agtgaagatt	tggttacctg	gctgagtttg	gggctggcag	ccttcagcac	accaatgggtg	180
tcaatggcag	gtgtgcatgg	gacaagaaca	tatgctgtca	tgattgtgct	acagtttctt	240
taagaacacc	agcttgcagg	atttgagttg	aggaaaacac	agacttccat	gagtttggga	300
actacgagag	aaaagacaga	cagagtcaaa	tctacagcat	atctctcacc	tcaggaaactg	360
gaagatgtat	tttatcaata	tgatgtaaag	tctgaaatat	acagcttttg	aatcgtcctc	420
tgggaaatcg	ccactggaga	tatcccgttt	caaggctgta	attctgagaa	gatccgcaag	480

ctggtggctg	tgaagcggca	gcaggagcca	ctgggtgaag	actgcccttc	agagctgcgg	540
gagatcattg	atgagtgccg	ggcccatgat	ccctctgtgc	ggccctctgt	ggatgaaatc	600
ttaaagaaac	tctccacctt	ttctaagtag	tgtatcaaaa	tctaaaccaa	ggagtctctg	660
gacaagaagc	tgggagaggc	acaaactgga	catctctctc	tctcatatcc	ttcggcattg	720
ggttatctat	gggagcaagg	agtgggcacg	cttctctgtt	acaaatagaa	aacgattcca	780
gtcatacagg	acacatccca	ctccaaatga	tatttccaaa	aacatacctc	tgacagtaac	840
tttgatagat	ggtttgtcaa	atgtatcttt	ctgggtatcc	acacctcttg	gcaatgaaat	900
ttgcagctcc	tcccttccat	aaatgaagtc	tctttcccca	ccatttgaat	ctgggctggc	960
actgtgactt	gatttgatca	atagaatgtg	gaagaagtga	ctgtatgcca	gttccaagcc	1020
taggtttcaa	gaggccttat	aaatgtctgt	tggaaacctta	cccagccatg	gacatgttga	1080
gtgagcatgc	tggagaatga	gagaccacat	gaagcagaaa	catgctttcc	tagctgaagt	1140
catactagcc	caaccaacat	ggcagctaac	acatgaatga	ggccaatcaa	gaccagaaga	1200
accactcaag	cagatcccag	cccaaattgc	ccattccaca	atcaggagct	aaataaatta	1260
ctgtttgtctt	aacac					1275

<210> 3925

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(445)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3925

atcgatgacc	ctcgtccatg	tggtggaatt	cgcctcccaa	gaaaagagga	gcatagctat	60
agcaaattgg	aaagatgatg	agtggtgccc	cgaaaggatc	atacagtact	ataggcctgc	120
cacatgggca	caagacgact	catagggata	ccataccccc	atctacatgc	tcaactggat	180
catacggtta	caggccatct	tagaaataat	cactagttaa	actggcagag	ctttaactct	240
tttagcccag	caggaaaccc	aaatgagaaa	tgccatctat	cagaatagat	tggccttaga	300
ctatttgctg	gcagctgaag	gaggagtctg	tgaaaaattc	aacttgacca	agtgtgtctt	360
gcaaagagat	gatcaaggac	aagtagtcaa	aaatatagtt	agagacatga	caaagctggc	420
acatgtaccc	atgcaggttt	ggcatagggt	tgatcctgga	tccctgtttg	gaaaatggct	480
tccagctcta	ggaggattta	aaactcttat	aataggaatg	ataatggtgt	aggaacctgc	540
atgttactcc	cctgttggtta	cccatattt				569

<210> 3926

<211> 602

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (168)...(389)

<223> similar to gi4468307 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3926
agagaagtag gttccaggaa acaaaaaggt cagaggtgta cccagtgaag acaacagcag      60
gtgtgaaagc caagaaactg cagcgctcag ttcactcaag aaacaaaggg gttcaatatg     120
gatggactgc agatctccag atggaagcgg ggcattggcca ggccagcatc ctatggctct     180
actttgagac gggtagctgg gtgtatcctg tgtttgccaa actcagcctc ttgggtctag     240
cagctttctt ctctctcagc tacgtcttca tcgccagcat ctacctactt ggagagaagc     300
tcaaccactg gaaatggggg gacatgaggc agccacggaa gaagaggaag taattgcaca     360
ccattttcca agaaccaaga aagaagaaaa cacaagagat ttttctcatc cttttttttt     420
tttcgggggg gggggggggg ggggggaaca taccaaagtg ggggggacaa aaagggatcc     480
ttaattttta aaaaaggttg ggggaaggac cttaacttga aaactctggg ttttttgaag     540
ggtggactgc ccatgccaaa aacaactcct ggtattttaa aattaattat ctttgacctt     600
gg                                                  602

```

```

<210> 3927
<211> 1672
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (537)...(1072)
<223> similar to gi5834580 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 3927
tttcgtgggt cagaagggag gtgggtcgccc tccgtcgtgg tctggcgtgt attccgagcc      60
ttggtgtctg gcggtttccg agcgttggtg tctggcggtt tccgagcgtt ggtgtcttgg     120
cggtttccga cggttgggtg ctggcggttt ccgacggttg gtgtctggca cgcgccaccc     180
tctcttgctt tggttgcgcc atgccgatgt accaggtaaa gccctatcac cgggtctgcg     240
ccccctctcg tgtggagccc acctgcatgt actggctccc caacatgcac ggcaggagcg     300
gcggcccagc acttggcact ggccacttgc agacaagaag acaagaaaat gatttgagga     360
cagcttcaat cgcggtgtga agaagaaagc agcaaaacga ccaactgaaa caacgccggt     420
ggcaaaatat ccaaagaaag ggtcccaagc ggtacatcgt catagccgga aacagtcaga     480
gccaccagcc aatgatcttt tcaatgctgc gaaagctgcc aaaagtgaca tgcagggatg     540
tccttcttga gatccgtgct atctgcattg aggaaattgg gtgttggtat caaagctaca     600
gcacgtcttt cctcaccgac agctatttaa aatatattgg ttggactctg catgataagc     660
accgagaagt ccgctgaag tgcgtgaagg ctctgaaagg gctgtacggt aaccgggacc     720
tgaccgcacg cctggagctc ttcactggcc gcttcaagga ctggatgggt tccatgatcg     780
tggacagaga gtacagtgtg gcagtggagg ccgtcagatt actgatactt atccttaaga     840
acatggaagg ggtgctgatg gacgtggact gtgagagcgt ctacccattt gtgtaggcct     900
ctaattgagg cctggcctct gctgtgggtg aatttctgta ctggaaactt ttctaccctg     960
agtgcgagat aagaacgatg ggtggaagag agcaacgcca gagcccaggc gccccagagga    1020
ctttcttcca gcttctgctg tccttctttg tggagagcaa gtctcatttt gtcacccagg    1080
tgggaggcag tgggcagttc tcggctcacc gaaacctttg cctcccgggc tcaggcaatt    1140

```

ttcatgtctc	agcctcccga	gtagctggga	ttgcgggtgc	acccccccac	acctggctga	1200
tttatgtatt	tttttcgtaa	aaacgggggtt	ttcccgtgtt	ggccgggctg	gtctcgagct	1260
cctgacctcg	ggtgatccgc	ccgcctcggc	ctcccaaagt	gctgggctta	caggcgtag	1320
ccaccaaccc	cagcccactt	gtaggtccta	tgcacaacag	ccagacttct	ctctgtgtat	1380
gtcacctcgc	tctccacaaa	gaaggacagc	agaagctgga	agaaagtcct	ctgggcgcct	1440
gggctctggc	gttgctctct	tccacccatc	attcttatct	cgcactcagg	gtagaagagt	1500
ctggtggaat	ggacacgagg	aaagggctca	gcacaacagg	aaacaaggag	gtgtaacgac	1560
aacagaggga	ggagatggcc	caaggagatg	ataaaggaaa	aggaggtgag	agctaaggaa	1620
agccccaagg	agatgcgaaa	agaaaggaga	caccagggag	actttcacag	ag	1672

<210> 3928

<211> 2288

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(1400)

<223> similar to gi4895145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3928

cagtggcggg	ccgagatgaa	tgctactggc	gccacgtctt	ctgggaccag	gacctctgga	60
tgctcctttt	tattttgatg	tgccaccag	aaaccgccag	ggccaggctg	gagtaccgca	120
tccgcacgct	ggacggggcc	ctggagaacg	cccagaacct	gggctaccag	ggagccaagt	180
ttgcctggga	gagtgcagac	tccggcctag	aggtttgccc	tgaggacatt	tacggagtcc	240
aggaggtcca	cgtcaacggg	gccgtggggg	tggccttcga	gctgtactac	cataccaccc	300
aggacctgca	gctatttcga	gaggctgggt	gctgggacgt	ggtcagggct	gtggccgagt	360
tttgggtgag	tcgtgttgag	tggagcccca	gggagggaaa	gtaccacctg	aggggagtca	420
tgcccccca	cgagtaccac	tcaggggtca	acaactctgt	gtacaccaac	gtcctgggtc	480
agaacagcct	gcgctttgct	gctgccttgg	cccaggacct	gggtcttccc	atccccagcc	540
agtggctggc	ggtggctgac	aagatcaagg	taccctttga	cgtggagcag	aacttcacc	600
cggagttcga	tgggtatgag	cctggagagg	tggatgaagca	ggcagacgtc	gtgctcctgg	660
gatacccagt	ccccttctcc	ctgagtcctg	atgttcgcag	gaaaaatctg	gagatttacg	720
aggctgtgac	gtccccccag	ggccccgcca	tgacctggag	catgtttgct	gtgggctgga	780
tggagctgaa	ggacgcagtg	cgggcccggg	gcctcctgga	caggagcttt	gccaacatgg	840
ctgaaccttt	caagggtgtg	acggagaatg	cagacgggtc	aggcgctgtg	aacttcctga	900
caggcatggg	gggcttcctg	caggcggtgg	tcttcgggtg	cacgggggtc	agggtcaccc	960
gagcgggtgt	gacctttgac	cctgtgtgtc	tgtcggggat	ctccagagtg	agcgtctccg	1020
gcattctcta	ccaggggaac	aagctcaact	tctctttttc	cgaggactcc	gtgaccgtgg	1080
aggctcacagc	tcgagcaggg	ccctgggctc	ctcacctgga	ggctgagctg	tggccatccc	1140
agtcccggct	ctccctgttg	ccaggacaca	aggctctcct	tccccgctcg	gctggccgga	1200
tacaaatgtc	acccccgaag	ctgcctggaa	gttccagctc	cgagttccct	gggaggactt	1260
tttcagatgt	tagggacccg	ctccagagcc	ccctctgggt	caccctgggt	tcctccagcc	1320
ccaccgagtc	actcactgtg	gacctgcct	ctgaataatc	aggaacgggg	gcttcagaga	1380
cgtctcttgg	gccttccctc	tggccacgtc	tgcacccacc	cctcctgggc	accctcctag	1440
cctgccatcc	ctcacctgca	gccaggctct	caggggaagg	ccatgctgct	tggcctgagt	1500
tcaaggcttt	ctgcctgtag	cctggactcc	cgtggacccc	cgtgggcagg	tggcttcccc	1560
gtggcatctc	cacaccgctc	ctgcctgccc	ctgtggactg	atgctatcgc	gcaccgtccc	1620
acgacccccac	cccagactcc	tgaagccggg	gtctgagcct	gcattcacctc	tggcctctca	1680

tccccactc	tectgagagc	agtggtcaca	gcggccggcc	gctctgctga	gaaggcagag	1740
agggaggctc	aggcctcagc	gtggacagca	gggataaggg	gcacgaagga	cggggactcg	1800
gcccccttcag	aattcctcag	gactctcagg	tgacgctttg	ccaaaaagga	acttttcatg	1860
tcatgcagtt	gaggggactt	agtctcaatc	ccaggctcct	cttgactctg	ggcagcttta	1920
atcaggttgg	gcagcctctg	ctacagcgtg	gagtgggatg	gctctcttcc	ctcagccacg	1980
ccgcttgtga	ggacagaggt	gggggagtg	gaagtgggaa	gtcaccagag	aacagagag	2040
ggatttgagg	gcgcgacccc	agcgctctcc	acggaccagc	cagagggact	ggagccaggt	2100
gtgcatgggt	tcaaggccct	ggccctgcc	agcctctgtc	ttgggagctc	agccccaggg	2160
ttcggtcgtc	agcagtttcc	caagaacaag	atgtgatggc	atctgctgct	gaaaccctga	2220
tgaggaccag	gccccctgca	ccgctgtcag	cctgaggaat	taaagctttg	gtgctgggaa	2280
aaaaaaaa						2288

<210> 3929

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (552)...(106)

<223> similar to gi3171904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3929

tttttttttt	ttcatgtttc	cactagaaac	ttttactact	tgattatctt	aaaaagtc	60
gttgtagcat	cacccaatcc	tgtttaaaac	agcactcagg	ccgtttatgt	agctgatctt	120
ggattagccc	ttgttgacac	gggatgattt	accactggat	tccttggaat	ccgctttcga	180
cggtctctga	atgctgcacc	tgattgtagg	gcttctagaa	gattatccat	cacaccagtc	240
tcataccctt	ctttgtttat	atcaatgagt	tgtttctttt	tcttctggcg	ttctaacttt	300
tcttggtcag	ctttctcttt	tgcaagtttt	gccctcctgg	tcttctcttc	catttctctt	360
ctcttattgt	tttctctcac	tgcttccaaa	aacaaagttc	ggaagttggt	gagatcacca	420
aagaactctt	ctatgctcac	tgtctttgag	tcaaaaatga	agtattctcc	aagattctca	480
tagagcttca	tcagtgtgtt	gtgcatgggt	gagaagtttt	acaacggttc	tcgggcagtc	540
tttgtaaagc	t					551

<210> 3930

<211> 1832

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(1078)

<223> similar to gi499204 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3930

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cagcgaaggc aggccaggc tgtgacagcc gccagtatcc agcagcacgc ccagggtgctg      60
gcctccccctg agcagagtc tctgcacaca gctctccttc cttaatgccc agagataagg      120
gtggcttgag ctctgggtgca cagaaccgca tctgactgtc acgtgagctg gacccacctt      180
gctcctgggtc tgcggcagtc tctacagtgc gtagatggag gaatcctgtt ccctggaggt      240
tcggggcagc cactggtagg gtgccagcaa ccccccttc tcttcagca cctgctgtcc      300
ccagatgccc ctgcagaagc tgcctctctc agctactctg acccagaacc ctgaaaagct      360
gcagcagctg ggccctccacc agccccggct tttctccaca gggctagcac acaggggcct      420
ggaagataca gatggggacg gggattcggg gaagtatgcc tttcctgttg ggctcacgca      480
ccactacgtg ccctgcagcc tcagctctaa gccgctggtc gtctgcacc tggctcctgga      540
gatgggcttc tcgagggttc tctgcttcac taactcccga gagaactccc acaggctctt      600
cctgctgggtg caagcttttg ggggtgtgga cgtggctgag ttctcctcgc gctacggggc      660
tggccagagg aggatgatcc tgaagcagtt tgaacagggg aagatccagc tgctcatcag      720
cacggacgcc accgcgcgag gcatcgacgt gcagggtgtg gagctgggtg tgaactacga      780
cgccccccag tacctgagaa cctacgtgca cggggttggg aggacagctc gcgctgggaa      840
aactggacag gccttcacac tgctcctgaa agtgaggag aggagattcc tccgaatgct      900
aactgaagct ggggcacctg agttgcagcg gcacgagctc tccagcaagc tgctgcagcc      960
gctggttctt cggtacgagg aggccctgtc ccagctggag gagtctgtca aggaagagcg     1020
caagcagagg gcggcctagg ctggggctca gagggccgga gggactgaac gctcaccacc     1080
ctgacctcc ttccagagca gtgctgatca ctggatcctg tatgtgagga aaggaatccc     1140
ccagtggaca cagccttcct cccaagcac gtggtctctg cgccaggcag cccgggcgtc     1200
agagctcaag cacctgcccc gactggagac ttcagggtt gtcactttca gagtgtggag     1260
gtcaggatgg ctgcgggcaa tgaagcctta gtaaacgggt gaaaagtact ccagacgga     1320
cgcgggcacc cgtcatgctt ttgctgagag ttgggggcat taaccttgag ctaatgttaa     1380
aaatcaagct cttggccagg catggtggct catgcctgta attccagcac tttgggaggc     1440
caaggcgggt ggatcacctg aggtcacgag ttcgagacca gcctgaccaa acatggagaa     1500
accctgtct cctactaaaa attacaaaat ttagccagg gcgtgggtggt gcatgcctgt     1560
aatcccagct actttgggag gctgaaggca ggaaaatggc ttgaaccccg ggaggttgga     1620
ggttgagtt gagctgagat tgcgccactg cactccagcc tgggcaacaa gagcaaaact     1680
ccgtctcaaa aaaaaaaaaa tgccgggcgc ggtggcaaat gcctgtaatc ccaggcactt     1740
tgggaggccg aggcaggtgg atcacaaggt caggagatag agaccatcat tgcctaacat     1800
ggtgaaaccc cgtttcctgc ctaaaaatac aa                                     1832
```

<210> 3931

<211> 353

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(24)

<223> similar to gil4465 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3931

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ggcacgagag agaggccagc ggatgttgta aacatcctga accaaataga atggcctgtg      60
cagaaaaacta tatatccggg gtactgaacc aggtatgtgg gtcgcatgaa aaaaccccccc     120
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ctagcgacag	atgcacccca	tgctggacag	aatgcttggt	gaacaggcga	ccatgctttt	180
cagctctgga	agcctaggag	acatactttc	ccaaagagtt	taatggtgaa	tcactcacct	240
ttcatgcaga	tatgtgccca	ctttctgaca	aggagagact	aattgggata	cacactggac	300
ttggtgaggt	cgtgaaacac	aggcccaatg	caacgcaaga	ccagctgtga	gct	353

<210> 3932

<211> 1453

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1455)...(404)

<223> similar to gi498721 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3932

tttaagttga	gaactttcac	cttttcattt	aaaaggaagc	actttgtggc	ttctctttgg	60
catatccgaa	tcaccagcat	catcactact	cctgctctct	ggggccactg	ttaagcaaag	120
tgaggactgc	ttggtcacag	gcactgtgaa	tgctgggata	gttgatctga	tcaccaagac	180
ggctactaag	tcactagcag	ggtgggtggc	gtatacagcg	tgatgtgct	ggaccaaggg	240
atgactcaca	tccccggccg	gctggagccg	gacagcgaga	gatttcatca	cgctactcag	300
aagggcacac	catttgagac	ttaaaattct	ttatttctgg	aattttccat	ttaatatatt	360
tgaactgcag	ttgactgcag	gtaacaaact	gtggaaagcg	aaaccataga	tacgagcggg	420
ctactgcgtt	caaaaggctc	ttcaactggt	gtggatcctc	tgatgttctc	ggagatgggt	480
taggtgggta	catgccttcc	cgcactcctt	acattcgtag	gatttcgccc	cactgtgcgt	540
tttctgatgt	tgtgtaagct	gatggccgtg	actaaagctc	ttcccacatt	ctgtacaccc	600
atagggtttc	accccggtat	gaattctctc	atgtttcacg	aggctcgatc	cataaatgaa	660
agccttccca	cactccttac	atattatacg	ggtttcgcct	gtgtggatcc	tctcgtgctg	720
agtgaggtga	tagccacaat	tgaaggcctt	cccacattct	gtgcacttgt	acggcttctc	780
gcccgtatgt	atcctctcgt	gcttaacgag	gctcgaaccc	cagcgaaagg	ccttcccaca	840
ctccttacat	tcgtgagget	tctcaccggt	gtggatcttc	tgatgctgag	taaggtaatt	900
gactcgagta	aaggccttcc	cacattcttg	acattcatag	ggtttctcac	ctgtgtgaat	960
tcttttatgc	tgaatgaggc	ttgaaccaca	aataaaaagcc	ttcccacagt	ctttacactc	1020
gtaaggcttc	tccccactat	gaattctctt	gtgctgaata	agtttatata	cacggctaaa	1080
ggtcttccca	cagtctttgc	attcgtagtc	tttctccccá	gtgtggaatc	tctggtgctg	1140
agtgagctca	tcaccacgcc	gaaaggcctt	tccacagctc	ttacattcat	agggtttttc	1200
accagtatga	atcctcttat	gaataacgag	gcttgagccc	catcgaaaag	ccttcccaca	1260
gtctttacat	tcgtagggct	tctccccagt	atgaattttt	tgatgttgag	taagctgatt	1320
gccccaacgg	aaggccttct	tacattcttt	acattcataa	ggtttctcac	cagtatggat	1380
tttctgatgg	tgactaagtt	gatagccacg	actaaaggcc	ttcccacagt	ccttacattc	1440
aaaggaattc	tcc					1453

<210> 3933

<211> 1255

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1247)...(745)

<223> similar to gi5912096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3933

tttggtttac	agaactttta	tttggtattct	ttccttgtct	gttaataata	taggctgcac	60
ctgggcatca	tctgtccctt	cctttttgat	tctgctgttt	tgcttttaat	cctacaggca	120
tttcttctgg	caggagcctt	gtacacactc	tgggtggttc	atgaccacca	eggacttgcc	180
ctttcaaggc	agaagcctgt	gattcaaaaa	cttcattcc	ttccaatcga	ctattataaa	240
actcattttg	tctagtgtcc	atactccttt	accttaggat	cctgggcca	ctgtcactaa	300
agaaaacaaa	ccatttcctc	ctcctggggg	aatgtgcttc	tttcaagaag	gtgcttagag	360
aatagacatt	ctaggtgaca	gcagttatga	aagaggtgtc	tctaataaac	ctaacacttc	420
ttccaacata	ctccagggtc	accctccttt	gaagacagaa	agtactacaa	cttcagttgc	480
caccctagtc	aggttcatag	gatttactca	gtaggttaag	agatggtgct	gagaatgaag	540
tcagaggttt	gagtctacaa	gtggcatttg	cttctccttt	gggacttctg	tggcaggggtg	600
tggaaacaaa	tcagattggt	tgcatatctg	tttctcttcc	acctccttca	aataaaaagcg	660
agaacctctt	gggagaattt	aagcaccatt	agcagacaca	tcttagagca	gttaatgaaa	720
tgttttgtat	ttcagtagaa	aactatttca	atggtgaaaa	tgatgcagga	atcagaagca	780
tattctgctg	agatactagg	tagttgacac	tttcccaaac	tggaaaaaca	tttcatagaa	840
aggcatatag	agttactgac	tgaacacat	ttgttctaaa	aataattcat	gcctagtcaa	900
acagcttacc	agctgccaca	actctgggat	cctcatggga	cttatgtctc	ccagctgcac	960
gactatctgc	actctcattc	caccaaagaa	catgaactct	gttgagtgtc	ccgtactctg	1020
tgtggaacac	tccaactagt	tttgtgtagc	ctagattgac	atgagcatga	actgcccttt	1080
taaatagcac	acccacagaa	gctggccac	caggtttcat	ctgaaaagtg	gccagttcat	1140
agactcctgg	aatagggaga	aaaagaattt	ttcagaaaac	attcaagcaa	tatccaatca	1200
cgtttctcag	tgaatagtct	ttcactatct	acacacacag	atttgaggga	tcaga	1255

<210> 3934

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (715)...(408)

<223> similar to gi4689128 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3934

gtttccctca	tgattttatt	gtctcctggg	gaccctgctt	tgggcgggtct	ggatgtctgc	60
cttgggecta	gtttgaggcg	ccccgaaggt	ggagccatct	tgggtctcgta	atttgctctt	120
ccctgcccc	caagagggaa	gccagagcta	gcggggccag	cactgctcag	gaggcaaggt	180
ggcctacctg	tcgcacaccc	ggaggaggaa	atcattgacc	aggctctcgt	gccggctgca	240

gatgcttctc	ttggaaggca	ctcttgagcc	agtcctcaat	gctgcacacc	tgcacgcggc	300
tggagtgcc	gcagatggag	aggctgcgga	gtgccggggc	caggaggaag	ttgtccttct	360
ggagttcagt	gaggaacgg	aagtgcagca	gggaccagag	tgcgggggtcc	tcaaacacgt	420
cgtggagctg	ggagcaggtc	ctggcaaggc	tcttctgtct	gtccttgtct	aggaaggaga	480
agagggtgcag	caggcactcc	cggttgagct	gggttatgtg	catggtgagc	agtggccaca	540
tgtcacttca	tcctggccca	ggtactgcag	ctccaaatcg	tggggattct	gtaagagctt	600
gctacctgtt	gactgaggag	gccacgagt	tgagaagaac	tagcaagagt	ggtacaaaac	660
tgcaggtcat	tgggctggcc	accaggtatt	cccaccacc	agaagctggc	tgttgacttc	720
acccggaacc	atggtgcacc	accacagcgg	cgaggtcata	caggcagctc	tccggggccac	780
tgttctcagg	ctacagaaca	aggaagaagg	agcagtggtc	aatgacatca	gtatctcgat	840
gacctctacc	ctctccatgt	gatgacaatc	ttactgaaga	gccatttttt	caccatgcta	900
aaaaggccag	ttgggtccag	cagctttgcc	tctctaccct	tttatcacca	aagtatactg	960
ctgagaaaga	atcaaatgaa	aagaaaaaag	actcaacaag	acctcactca	tattaactgg	1020
actctacaag	cagtgcagcat	ccagacctgc	atttggttac	aaaagaagcc	ttcaagctat	1080
tttcatcagc	ttcctaataca	agttaaaaaa	taaaccacaa	aactgagaaa	a	1131

<210> 3935

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (219)...(1235)

<223> similar to gi4405795 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3935						
cggacgcgtg	ggcaaattaa	tgacacaatt	cgaatgatag	atgcgtatac	tcattcttgaa	60
actttctata	atgaagagaa	agataagaag	tttgcagtca	tagaagatga	tagtgatgag	120
ggtggtgatg	atgagtattg	tgatggtgat	gaacatgagg	atgattttaa	gaaacctttg	180
aaactggatg	aaacagatac	gattttctcat	gactttattt	tttgaaaaca	ataaaatagt	240
tgaataggct	ggctgaacac	ccctaatatg	aaaatgaaaa	gctgaccaa	ttaagaaata	300
ccataatgga	gcaatatact	aggactgagg	aatcagcacg	aggaataatc	tttacaaaaa	360
cacgacagag	tgcatatgcy	ctttcccagt	ggattactga	aatgaaaaa	tttgctgaag	420
taggagtcag	agcccacccat	ctgattggag	ctggacacag	cagtgaagtc	aaacccatga	480
cacagaatga	acaaaaagaa	gtcattagta	aatttcgcac	tggaataata	aatctgctta	540
tcgctaccac	agtggcagaa	gaaggctctg	atattaaaga	atgtaacatt	gttatccggt	600
atggtctcgt	caccaatgaa	atagccatgg	tccaggcccc	tggtcgagcc	agagctgatg	660
agagcaccta	cgtcctgggt	gctcacagt	gttcaggagt	tatcgaacat	gagacagtta	720
atgatttccg	agagaagatg	atgtataaag	ctatacattg	tgttcaaaat	atgaaaccag	780
aggagtatgc	tcataagatt	ttggaattac	agatgcaaag	tataatggaa	aagaaaatga	840
aaaccaagag	aaatattgcc	aagcattaca	agaataaccc	atcactaata	actttccttt	900
gcaaaaactg	cagtgtgcta	gcctgttctg	gggaagatat	ccatgtaatt	gagaaaatgc	960
atcacgtcaa	tatgacccca	gaattcaagg	aactttacat	tgtaagagaa	aacaaaacac	1020
tgcaaaaagaa	gtgtgccgac	tatcaaataa	atggtgaaat	catctgcaaa	tgtggccagg	1080
cttgggggaac	aatgatgggt	cacaaaggct	tagatttgcc	ttgtctcaaa	ataaggaatt	1140
ttgtagtggt	tttcaaaaat	aattcaacaa	agaaacaata	caaaaagtgg	gtagaattac	1200
ctatcacatt	tcccaatctt	gactattcag	aatgctgttt	atttagtgat	gaggattagc	1260
acttgattga	agattctttt	aaaatactat	cagttaaaca	tttaatatga	ttatgattaa	1320

tgtattccat aatgctacag aactgacata agaatcaata aatgattgt tttactctga 1380
aa 1382

<210> 3936
<211> 1093
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (258)...(388)
<223> similar to gi3327172 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3936
cttgggactt actggccttc caaaaattaa agaggagaac tgataatact gattattcat 60
taattggagg aaggaacatt agtattgaaa tgccgttaac attttaaaaa ataataatta 120
ttatcatagc cttgccctga aaccctgatt attgttagag agttatttcc acgaagtgtt 180
tgtcagtttg ttggacattt gagacccag gaaatccct ttctcgtaac gatctccgct 240
tggatctgat ctcaacaggg tgtcgtagtc attcttcagc acaattctta attggagacc 300
aagaaccctg ggcctttaga ggtggtctag caggagagtt ccaggatatca atatgaattc 360
acaactgaat tgacattttc tttgttttat gacaaacctt atgttgcgca tcatatggct 420
ggaaggattg gtctgccgaa ggcttttctaa gcccaaattc aatttagtta catagctgga 480
tttttaaatc aaattttcct cctctttcac agtaatttct gaaggagatg ctgccaatcc 540
ccccgcgcgc tgcgaagcgc agcggctcta ggtatacact tcacattgtt tctttgcagg 600
tcgcacagca ttttaatctg cgcccgaat gcacaatgcg cgcattgttg tctgccagtg 660
gaagctccat gaacaaaaga tagtaattat gccataaat ggtgaaagag cttttggata 720
tttatccaat tattttataa atataatgtg cttgaaagaa ttgtccattg ctgaaaatat 780
gaacaaaata ggaagttttt ttgctgctgg aatttgttca tggactttct aggtgctcta 840
cttttctccc cccaacagggt gctctgctgc gcacagcaaa ctgaagcgca ttgctttggg 900
gataaagcgt ctcttgga gataaccctc ttcagaccaa acctctcctc ctgacattct 960
gttctgccat cttatcgtag ggagatggtc tatctaagat aggtttttaa aaaaaataga 1020
tttgttcata aattgggaat aaggttttgt tttttgtttt tgtttttggt tttactgtaa 1080
atttaaatcc cca 1093

<210> 3937
<211> 2542
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (91)...(758)
<223> similar to gi4138207 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3937

cttagataac	agagttagat	ccaggtgtgt	cctggtgtcc	ttctaggctg	agccccctaa	60
acttggtgtg	aatggtttgc	tgctttcctc	catacttaat	tttcctcttt	gttttcatag	120
ataaatatca	ttcaggggaat	tgtggcagaa	atcaacacca	agactggtga	atctgaatgc	180
cgctattata	aagagcggct	tctttacttg	gaagaaggcc	agaaagactc	cctgatcgac	240
agctctcgag	tcttggtgtg	tcattggtgaa	ctgaagaaca	atcggggcgt	gaaactgcat	300
gttttcctct	tccaagaagt	gcttggtgatc	actcgagccg	tcaccaccaa	tgagcagctt	360
tgctaccagc	tgtaccgtca	gccaatcccc	gtgaaagacc	tcctgctgga	agacctccag	420
gatggagaag	tgaggctggg	tggctccctg	cgaggggcat	tcagcaacaa	tgagagaatt	480
aaaaacttct	tcagagttag	tttcaaaaat	ggatcccaaa	gtcagaccca	ctcgctacaa	540
gccaatgaca	ctttcaacaa	acagcagtggt	cttaactgta	ttcgtcaagc	caaagaaaca	600
gttttgtgtg	ctgccgggca	agctgggggtg	cctgactccg	agggatcggt	cctaaatccc	660
accaccggga	gcagagagct	acagggagaa	acaaaacttg	agcagatgga	ccaatcggac	720
agttagtcag	actgtagtat	ggacacgagt	gaggtcagcc	tcgactgtga	gcgcatggaa	780
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gtgcacttcg	ggaagcaggc	ctgcatctta	cctgtacagt	atttgcattc	cacagatgga	900
acggtttgga	gaagcacttt	ttcatacttt	tgtgaaagta	tacatgttgg	cccagtctct	960
cgtatctgta	cctttgtccc	tagtactgta	actgccaatc	tgtctgtgta	agctggaatc	1020
tgtggcaact	attaccctgt	gttgattttc	ccaagtgtct	ggatggatgg	agaggtactc	1080
aaacaagtta	ctttcagttg	tcctgctgga	ttttaaaaaa	atagaaaaag	aatctcaaaa	1140
ctactgtttt	acatagattg	tttgaagagt	ccttcctctt	gtgcttctgt	accactttcc	1200
cagctcttag	atgtggtagc	ttaaaggcacg	gaatttagac	ggccttgtaa	atagggcatg	1260
aggaactcat	ctgtgtattg	ggatggtatt	agagagagaa	tcaggaaaag	ccaactcatg	1320
aagtgaactt	ggtttgatct	tactcaacta	gaaagcttga	aaacatccct	ggggattctg	1380
aaggcttaat	tttgcaaagg	aggatgcatt	gtctgaactt	tgcaacttca	tccagtgcga	1440
gtttgatgca	agaatgtatt	aggacataaa	atagaggctg	accttaaaaag	ggccaggaca	1500
gaagcggctg	ccagctctga	atctttaaact	gaaatgcaca	tggcaccagg	aggtgtctct	1560
catagttggt	tgctagccta	aaacatcaga	atagaaccca	aagggttag	gaaggcctgc	1620
caggataaca	agaaggccct	gtattcattg	tgtttcatct	gcctaggcct	actcattatt	1680
ttagagaatg	aatgaagcaa	caaggaagag	agaccatgac	tctatcgatg	acactgttta	1740
tagaaacaca	ggagaggaag	aatttggaat	gaaaagcact	tcgtcagaac	cttctgtggg	1800
agccattgag	agaaaagcat	ggtccagtgc	cttctgagaa	aggccagagc	tttgggcttt	1860
cctgctctgc	ttttgggtcg	tcaatttgcc	atctctgggt	ctgtgctata	atcagaattg	1920
taattatgtt	ctccagaggc	caatttcatt	aactctgatt	aattagaatc	agctagccag	1980
attagtaacc	tctttgtcca	gccttgattt	acagtgcagg	gtaaagtgcg	gaccttaaaa	2040
acagctaagt	acctagaaga	gctccctgca	agtgtaaata	ttaaggatga	cctgtgcaaa	2100
attataccca	caccagcact	agtggtaatt	attctaaatt	attgccaaaa	agtttttttt	2160
aatctgtctt	tcaagtttac	agaaaagaaa	gcagtaaagt	cattgatgtc	atttttattat	2220
gtacatatat	catgtgcatt	caagctgtgt	gacaagatat	atcaatataa	aaacaaggta	2280
tatactttat	tattttttga	aaacaaggat	attgtgatca	attttaccct	gtaaaacata	2340
tttctgtatt	tataggtctt	aaacatgatg	aattttttct	attacaagct	tattttaaac	2400
tgctttctca	agtcgttatt	gatacagcaa	gtgaacctgc	tgagacaga	agcagaggaa	2460
agccaagaac	agcctttact	ggtgaagaaa	agaatgaatg	attctttgta	ggcgccatca	2520
gccactttta	gaagccatca	ac				2542

<210> 3938

<211> 1918

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1919)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (37)...(548)
 <223> similar to gi3850860 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3938

aattcggcat	gttgagagag	gaaagaagct	gggaccaaag	ctctgcagag	aacccaggct	60
gagatccagg	aatgaagga	ggctctgaga	cccctgcaag	cagaggcccc	gcagctccgc	120
ctgcaaaaca	ggaacctgga	ggaccagatc	gcacttggtga	ggcaaaaacg	agatgaagag	180
gtgcagcagt	acagggaaca	gctggaggaa	atggaagaac	gccagaggca	gttaagaaat	240
ggggtgcaac	tccagcaaca	gaagaacaaa	gagatggaac	agctaaggct	cagtcttgct	300
gaagagctct	ctacttataa	ggctatgcta	ctacccaaga	gcctggaaca	ggctgatgct	360
cccacttctc	aggcagggtg	aatggagaca	cagtctcaag	gggctgttta	gaaatatatg	420
gccaaatctg	taaccggaa	acagcaaaaa	acttcttagc	aaaggatcac	taagtaccct	480
ttggatgtac	tcttccaacc	agacaagagt	gccagaaact	tggcaagcaa	ttcatcctgt	540
ggaagttgca	aatactggct	gacctgctta	aaaagattct	agagttggcc	ggaggcagaa	600
catgtcaact	ctttgctgga	ttctatttca	tctgctgttg	atactgatct	caatgcacca	660
aggaaaggaa	agatgagcct	cctgtcttcc	agcaacaacc	ctcacatatg	cactgagtaa	720
aggatgaatg	tatggacaca	tctgggagta	ttttaaagaa	tgtatcttgc	cttgtgttga	780
cccaaaccaa	aaacattttt	gaggggcaca	tgtggggtca	aaaagatagc	caatttccat	840
tacatgggtt	tacaatttcc	attcttttgt	gccacgagtg	ttagaattta	aatgaatact	900
tttaciaaagt	ctactttttg	ttcaaggata	tgctgaccca	tatagtttac	tcttaaaatt	960
gtgtcaagg	atttctcact	atactctaaa	acaactagac	ttgaaaagaa	accatttgag	1020
atttgaatct	aatggttaac	gctattcaga	ttttcccaaa	gatcttacct	catgaaagta	1080
gttctgggtc	agaatgatct	actcagttaa	aaaacaacaa	caacaaaaaa	ctaagcgatt	1140
gggaaaaaac	aggaatttta	tctggttatt	gcactctggtg	atagaggcct	tcaaagccta	1200
ttattttctaa	cctaagtaaa	ggccccagtg	aaaaacatac	tggggaaata	aaacctctga	1260
gaaaagggtc	aagcaccttt	tccaaattta	aatcttgcct	taaattctct	ctaccacact	1320
gcctttgaca	ctcttggaag	tccatgtagt	tctctacaga	cagacttcaa	agaaacgtta	1380
ccttatcaaa	gactaatctg	tgccacctct	gattcagtg	tttatgtctt	tcactttccc	1440
tgggaaggag	taaagttctt	ttctacagct	ctgggactat	tacatttaat	tctgctcttg	1500
atagtcaaag	accatggaca	acaactgtca	tctgaaggac	tcttctagaa	gccagagact	1560
ggtgtttgat	ggatgtttta	tactaaataa	aacccatcag	catggggtta	tgtagaaaag	1620
caatttattc	cattttaagc	acttacacag	ttagtcatgg	agagtaacag	gcctgctggt	1680
gaaacaggtc	acccaaaatg	gagatgggca	tcaaactagt	gggtccaggg	acctaactcc	1740
taaaaaaaaa	aaagcaactc	ttatcaagga	ttaatttaat	ttttaaaaca	aatacaagtt	1800
attgattcac	tcttctcaac	ttgacagtct	acctgggtgt	attaactgtc	agggtaaaaa	1860
catacatctt	ttttttttna	aaccanactg	tgggtgggtg	cccaagttaa	aaaaaaaa	1918

<210> 3939
 <211> 1846
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(751)
 <223> similar to gi257452 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3939
 ggcacgagcc ccagccaggg ctgtggctga agaggctctg ggtgctcttg gaggtggctg 60
 tgcattgtgt cgtgggtaaa gtgcttctga tattgtttcc agacagagtc aagcggaaca 120
 tcttgcccat gggcgagaag acgggtatga ccaggaaccc ccatttcagc cagacaact 180
 ggataccaac ctttttcagc acccagtatt tctggttcgt cttgaaggtc cgttggcagc 240
 gactagagga cagactgag ctaggggggc tggcccaaaa ctgcccgggtg gtccgcctct 300
 caggacagag gtgcaacatt tgggagttta tgcaaggtaa taggccactg gtgctgaatt 360
 ttggaagttg tacctgacct tcatttatgt tcaaatttga ccagttcaag aggcttattg 420
 aagacttttag ttccatagca gattttcttg tcatttacat tgaagaagca catgcatcag 480
 atggctgggc ttttaagaac aacatggaca tcagaaatca ccagaacctt caggatcgcc 540
 tgcaggcagc ccactactg ctggccagga gccccagtg ccctgtggtg gtggacacca 600
 tgcagaacca gacgacccag ctctacgcag cactgcctga gaggtctctac ataatccagg 660
 agggcaggat cctctacaag ggtaaatctg gcccttgga ctacaacca gaggaagttc 720
 gtgctgttct ggaaaagctc cacagttaat ctggacagat acctcaattc taggtgacca 780
 acgggagggc ttctcaaggc ttagctctcc ctgagacca gctggctttt accttgacc 840
 tgtgtcccta gctgaatcac tagctcagat tttctgac taagcaaaca actcccagct 900
 gaggaatgca ggccacagca cccaatcaag acaaattgtt attatcagaa aatgaagcaa 960
 cacttgagct gttcaggcca gttccctgtt gaagaaacag ttccctgttg aagaaagtag 1020
 agcctgacac tgctccact ttggagacca cattccctgc acacggctct tgagagagca 1080
 gttgcacact acaggcacac ttctgaggtg cggatatctc ctccagccac tctgatacca 1140
 agtaattcaa gctggcattc cttctattag ggaaattcat tttacccaat ttgcatttat 1200
 ggaattgatc atttaagaca ctaaattagt ttttagaacc aattatggga agaattccag 1260
 ttgttaggaa gagatgagga gttggaagag gagggattag aaacaggagg aggcagtcac 1320
 cctctccttg ccaaaagatt taaacctgtc cacattgggtg ggtgatgatg ggtgagtttc 1380
 catggttaaca catccctaatt tttaccaggg aagaggagag tactcacttt accatctttg 1440
 aatatatttc atagaaatct agctctctgt accctgaaat ctccactag cctcactttt 1500
 caacagagtc atctagaagg gagggttggc ttcccaaaaag cataaccttg accaaaccaa 1560
 acaataggca ccagcaatgc tgtcattcag ttatgcagaa gtcattttgt gaaattctgt 1620
 ttctctgatt tcttcgcaag tctcttaatg gtcattttgt ttagattaca tcaaactgat 1680
 ggatagccat tggattcat ctattttaac tctgtgtctt tacatatttg tttatgatgg 1740
 ccacagccta aagtacacac ggctgtgact tgattcaaaa gaaaatgtta taagatgcag 1800
 taaactaata acagaattat taaaatatat caggctaaaa aaaaaa 1846

<210> 3940
 <211> 1762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(708)
 <223> similar to gi1890281 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 3940
ggaagcaatt gactgttaca caaaaggcat ggatgccgat ccatataatc ccgtgttgcc 60
aacgaacaga gcgtcagcat attttagact gaaaaaattt gctgttgctg agtctgattg 120
taatttagca gttgccttga atagaagcta tacaaaggct tattccagac gaggtgctgc 180
tcgattcgct ttgcaaaaat ttttaaggagc caaaaaagat tatgaaagag tattagaact 240
agaaccaaatt aactttgaag caacaaatga actcaggaaa atcagtcagg ctttagcatc 300
caaagaaaac tcatatccaa aggaagctga catagtattt aagtcaacag aaggagagcg 360
aaagcaaatt gaagcacaac agaataagca gcaggccatt tcagagaaag atcgggggaa 420
tggatttttc aaagagggga aatatgaaag agcaattgaa tgctatactc gagggatagc 480
agcagatggt gctaattgcc ttcttccagc taacagagct atggcctatc tgaagattca 540
gaaatatgaa gaagctgaaa aagactgcac acaagccatt ttattagatg gctcatattc 600
taaagctttt gccagaagag gaactgcaag aacatttttt ggaaagctaa atgaggcaaa 660
acaagatttt gaaactgttt tacttctgga acctggaaat aagcaagcag taactgaact 720
ctccaaaatt aaaaagggaat taattgagaa aggacactgg gatgatgtct ttcttgattc 780
cacacaaaaga caaatgtgg taaaacccat tgataatcca ccgcactctg gatcaactaa 840
accactcaag aaggttatta ttgaagaaac tggttaattt atacagacta ttgatgtgcc 900
agatagcact actgctgctg ctccagagaa taatcctatt aatctagcaa atgtaatagc 960
agccacaggc accacaagta agaagaattc aagccaagat gacctttttc ccacaagtga 1020
tactccaaga gcaaaagtat tgaaaataga agaagtcagt gatacttcat ccctgcaacc 1080
tcaagccagt ttgaagcagg atgtatgtca gtcttacagc gagaaaatgc ccatagagat 1140
agaacaaaaa cctgctcagt ttgccacaac tgttcttctt ccaattcctg caaactcggt 1200
ccagctcgaa tctgatttca gacaattgaa aagttctcca gatatgttgt atcagtattt 1260
aaagcaaatt gaaccatctt tgtatcctaa gttgtttcag aaaaatctgg atccagatgt 1320
attcaaccag atcgttaaaa ttctgcatga cttttacatt gagaaagaaa agccattact 1380
catctttgaa atcttacaaa gactttctga actaaaaagg tttgatattg cagtgatgtt 1440
tatgtcagaa acagagaaaa agattgcacg tgcattattt aatcacatag acaagtcagg 1500
attgaaggat agttctgtcg aagaactcaa gaaaagatac ggtgggtgat ttccattttt 1560
gctgaaataa ttgtttttga ctttcatatg taaatttttt tctactgaaa gtgttttgct 1620
ttttaagaaa atgaaattat atagcaggaa aggactatct ttgaacataa gttaattaac 1680
tataaggtga attgtgattt aactagttag aattgaattc cacgtgaact ctgtttttct 1740
gaaaataata atccccaatg ag 1762

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<210> 3941

<211> 1428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1431)...(1137)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3941

```

tttttttttt ttttttttta ccggtggagc tgtttaagcc aaggagttgt ggagatctct 60
gtgatgatcc aaaatctgga ctaatatata atcaactctg atgctaatta aatctgactt 120
ataacttgct tgctaaaaga aattataaca ggaaactttg gtgactggta aggaatgttg 180

```

aaaagggaaa	atcagaagga	aaaacctggt	tcataagaag	gaaggaaata	ttggtccaag	240
cacgtcaagg	gctctaagta	aaaaccgatg	gcactacaat	tccacataat	ccattacatt	300
tggaaaaaga	agctcctggt	agacacaggg	cctctttggg	atattgttct	ttgttctgat	360
tctgtgctca	ccaggaaaca	aatttcatct	ccgtaggggg	cccgtccttc	agtaggaatg	420
gccctgctcc	taggttcttg	gctcacttgc	caagactaca	atagcactcg	cgtttatcag	480
ttatgcttgt	gtgaagctgg	ttattgcaat	tcattgttct	caaaatactt	tcatgaaaag	540
cctgacctga	gaaaaagcct	tctctgtaat	catattaatt	agaacataaa	tgtctacttt	600
gccataatta	tacaaagagc	ccaaatgggc	aattaactcc	agttggttgc	ttctctctga	660
gccttacttg	ccagctctta	ttaccgcatt	ccagagagag	tcaacctgga	tggagtttgt	720
cccctaaata	aatgtagcga	taaagaaaag	ggtgctccaa	atcagtttca	tcagaatgat	780
aaggtagcgt	actgcagcca	tgtctgcaat	agcacttcaa	ttttactttt	ttttccccta	840
gcatgtcctt	aagcattttc	tccccagctt	ttcacaatct	ttcttctaag	gctgtaatgt	900
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aatgtaacca	aaacaaaacc	atggcataca	gtaaactaaa	agggtagaca	ggagagaaaag	1020
gttgctgcaa	gtacagaaaa	tttagaaatc	agcctttacc	agttacatct	gagacaaggt	1080
aaactttcca	acacattgga	atcatcagaa	gggctttaa	aaatacaact	gccagccggg	1140
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agctcaggag	tttgagacca	gcctgggcaa	cacagtga	ccctgtctct	actaaaaaat	1260
acaaaaaatt	agctggggcg	ggcagtgtgt	gcctgtagtt	ccagctactc	gggaggctga	1320
ggcaggagaa	ttgctttaac	cccggaggca	aaggtttcaa	ttaacccaaa	ttgggcccct	1380
gcactccagc	ctgggggaag	gagtgaagatt	ccgtttccaa	aaaaaaaa		1428

<210> 3942

<211> 983

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(267)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3942

cgtcagtggc	gtgatctcgg	ttcactgcaa	gctccgcgtc	cggggttcac	gccattctcc	60
tgccctagcc	tcccgggtgg	ctgggactac	aggcaccac	caccacgccc	ggctagtttt	120
tgggtgtttt	agtagagacg	gggtttcact	gtgttagcca	ggatgggtctc	gatctcctga	180
cctcatgac	cgcccacctt	ggcctcccaa	agtgtctggga	ttacaggcat	gagccaccgt	240
gccagccgc	gtgtgggttt	caattgttac	cagcaatcat	gacctttcat	ggactccaca	300
gcattagaag	aacaacgttt	atggccttca	agaactttca	gggtgaagct	atttctctag	360
gatcagcttt	tcatgtggca	gtagccttgg	gcctgtcaca	gccctgtatc	ttatcttctc	420
accaaccctg	gttttagttt	caacagacag	aaatttgagc	cagaagaaat	ggatgtcact	480
acacagttca	cccctgacat	ctgtgatagt	gtatgttatc	actgacatgt	tctcattcaa	540
actatgttat	aagagcaagg	agaaagaagt	aagaaaaatt	tgctatcatg	tagaaaattc	600
tggggaacct	caaataactc	actttatatt	tagcaggagt	ttatgcttca	gagatcatct	660
gtccctgcaa	tagacatttt	atcatggtaa	gggtgtggtc	agcaatagaa	aactatgatc	720
tcagcagaag	tccctctacc	accccatagc	ttagtaattt	tcttaccac	agctagctga	780
ggtagtgtgc	atcccagacg	ctccgcaatt	ggggaaaagg	cttttagctt	gttttgctgt	840
tttctccctt	cttcacttac	aattctttct	ttcaaccact	ggtagcactg	gggaaaagca	900
taacattgaa	atgttaatgt	ctggtaaaga	tctgatgtca	aagaatggta	attcaataaa	960

<210> 3943
 <211> 3603
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1794)
 <223> similar to gi202864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3943

ttatgagaat	ggtgaagaaa	ttgtccattg	cgaattagct	gcctataggc	gaaactctgg	60
gctgctggaa	tgtgatttgt	tcagataaaa	ctggaacact	gacgaagaat	gaaatgactg	120
ttactcacat	atttacttca	gatggtctgc	atgctgaggt	tactggagtt	ggctataatc	180
aatttgggga	agtgattggt	gatggtgatg	ttgttcattg	attctataac	ccagctgtta	240
gcagaattgt	tgaggcgggc	tgtgtgtgca	atgatgctgt	aattagaaac	aatactctaa	300
tggggaagcc	aacagaaggg	gccttaattg	ctcttgcaat	gaagatgggt	cttgatggac	360
ttcaacaaga	ctacatcaga	aaagctgaat	acccttttag	ctctgagcaa	aagtggatgg	420
ctgttaagtg	tgtacaccga	acacagcagg	acagaccaga	gatttgtttt	atgaaagggtg	480
cttacgaaca	agtaattaag	tactgtacta	cataccagag	caaagggcag	accttgacac	540
ttactcagca	gcagagagat	gtgtaccaac	aagagaaggc	acgcatgggc	tcagcgggac	600
tcagagttct	tgctttggct	tctggtcctg	aactgggaca	gctgacattt	cttggccttg	660
tgggaatcat	tgatccacct	agaactgggtg	tgaagaagc	tgttacaaca	ctcattgcct	720
caggagtatc	aataaaaaatg	attactggag	attcacagga	gactgcagtt	gcaatcgcca	780
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caaggcacia	gatgaaaatt	attaagtcgc	tacagaagaa	cggttcagtt	gtagccatga	960
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gatatcatat	tccttgattt	aaattggctt	ttgtgattga	gtgaaacttt	ataaagcata	2040
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aacagtacaa	atacactatc	tatcttagat	agatatattt	ttttttattt	ttaaatattg	2160

tactat	tttat	ggtggtggg	ctttcttact	aatacacaaa	taaattta	catttcaaag	2220
gcattct	tatt	tggttttagaa	gttgattccc	aggagtgcc	tatttcagct	actgtatttc	2280
cttttct	tg	taatgtaagc	agctcagata	ccatgtgcta	tcattttt	gt	2340
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atatatactt	tgtcaaatat	cattttgtca	tcctctaaat	ataaatccaa	atacctcagc		2700
taagtaattc	tattttatta	tttttactgt	tatgtatgtt	tttaatcata	tttcttagga		2760
agtataggct	actggactta	gaataaaaag	tccccaaa	acc	caaacaaatg	gtttatgaac	2820
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gcctagattt	tagcacaaac	ctgagtatat	ctcttctact	ttcatcatgt	gttctgtacc		2940
ttctttttgt	ttcattgggc	atgctaggg	aataggtgga	ttttgtgtgt	aatgccatca		3000
gtttttatga	aagcttgatg	aggtatagg	catttgttt	gagtatgtgg	gccagaaatt		3060
taaaattaga	aatttgttt	tctgttgagt	atataaaca	aaattgggtcc	caattctaac		3120
aggtttaatc	cttcttgaag	ccaataagtt	ttatctttta	taatctgtca	ggatgaacca		3180
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tgcagtttat	tctacttaac	cctttaaggc	tgaattgtca	aatgtacatt	gttccatgtc		3360
gttagatgga	acatggaagc	cattgtctaa	tcaactctat	cattagtga	ctc		3420
atacctta	aat	tttgtaatga	tttttattct	ctggttaaaa	gacttgaaat	acgtattaaa	3480
tgcacgttaa	tgttttgctt	tgcatttttag	gttcacctta	tgacttgatt	gaaataaatg		3540
tgccatataca	ttcatttgct	ttgtactata	aaaataaaaa	tgatttctta	agttaaaaaa		3600
aaa							3603

<210> 3944

<211> 2901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2842)...(1711)

<223> similar to gi3881075 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3944

acaggcatac	agcagaatcc	agacagagta	tatagtagcg	aaaaagatgg	gagaatatga	60	
agaacaaagt	ctattttaac	attaattatg	gctataataa	cccttatgag	gaaatactgg	120	
tgagcaggat	aaagtgat	at	tgaaaagaaa	aaaaggaaaa	ctcctcaaaa	cacaataaag	180
catattctaa	cagggtttt	g	aaaaagttgc	aagcctttta	attcattgac	ctcttttgac	240
tgattggaat	ttttaccatt	ctgtacactc	tgaattataa	ctaaacaact	acatgttact		300
gacaaatttg	tgattctttg	agtctaaaca	acacagaaac	tagaagatcc	ctttcctaga		360
tttatatact	tgattttctt	ataaaaaataa	cttcagttat	tatgtcaata	tttatctgaa		420
aaaggcagcc	ctctgacagt	aaactagtaa	ctggaataac	tacagtatca	ttataagcta		480
caataaaaaca	acctgtaaa	g	taatttttcc	tatttgaata	ataaatagac	tggaacaggag	540
tgaaaaacca	aaactatgaa	agaaaaaccc	aatgtaaata	aaggatacag	gtcaaaaacaa		600
agttcagaag	gcaaatatgt	aaatattaga	tgccataaaa	atcaactatc	agtgggaaaa		660
tttctatgaa	agcaatttca	gaaaatacat	gaacacatat	atcttttaaaa	tatagaactc		720

taaataacttg	ataacatatt	taggatactc	tacaatgccc	agttaattgc	tataatTTTT	780
ttccctcagg	ttttcctgga	tgatacagca	aactacagaa	tttgtgcact	tactgttgct	840
caaatttggt	tacttactgt	gtgcacatat	actgctgcac	tgtttctcgg	ctgtgaaaaa	900
ttaaaagcat	tttttcaacc	tttgagaagg	aaagaaaaca	atgaagaatc	tcctcataat	960
aatacagcat	aacagggttt	gtttactgtg	ccacatcatg	ggtgttttta	aaacgaaata	1020
taaatatatg	gttagggata	gcatttttag	gagaacaagt	gaccaaaaaa	taagttacct	1080
cttttcagg	cagccaaaaa	acgtgaagg	aaagtggact	ttatacaact	tagacattta	1140
tgtagatagc	acagcagact	catgttcaag	ccagccacct	gaaacattat	aagtccgtcg	1200
agggggacag	caatctatgg	tccatggact	gaatccagcc	tacttttgta	tggctctgag	1260
ctaagaatcg	ttttaatatt	ttttaagggt	tgttaaaagc	aaataacaaa	gaatacatga	1320
tgactctatt	cttgttctca	tgtgtgaacc	atatattata	gcctgcaaag	tctaaaatat	1380
ttataaaccg	gccctttaca	gaaaaagttt	gcagaccctt	cttttacacc	agtgtgtag	1440
ataattctgg	cagtacaact	gcaagtctaa	gataatgttc	attcattccc	atcataaatg	1500
taacattcta	aatagggtgc	ttctgatgtc	atctgtcaga	atttctttta	aactttttct	1560
tcattctcaa	cattatcaaa	gttcatcctt	attcctcttg	ccttgatttc	ggagagtttc	1620
caatttttca	cttattaagg	cagcgattgc	ttttgcatct	ctggatttta	tctgctcttc	1680
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tcctttaatc	atcctagcca	agagctcaaa	ttctggagca	aaattctggc	aaggctccaca	1860
ccaaggagca	tagaaatcaa	tcacccaatg	atttttccct	tgtagaactt	tttactgaa	1920
agtctgaggt	gttagatctg	tggatacttg	aggtaaaaaa	cctagacccc	agattctcag	1980
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atactgttgg	caatctatac	tgcccacgtt	gatcagtcga	gttaatgtcc	gggccattct	2160
tttccattct	ggcattaaga	cttggcaagg	atgacaccac	ggagaataga	aatcaaccat	2220
ccagacttcg	ttgtgttttc	tttgtgtaac	tagttcgttg	aagggtggtg	gtgtaaggga	2280
gaccactgaa	ggattcataa	gaccccttat	gaactccaag	atttgttcag	cagagtgatg	2340
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gttatacatg	ttacagagtc	cctcatgaac	tgtacaatct	agtgtaccaa	acttaagctg	2460
accataaaga	agatttgatg	ctcttcgtaa	ctctggtagt	aaagctcgac	atgggtggaca	2520
ccagggggca	aagaaatcaa	caagccatgg	ttctttgtca	ttggcaggaa	aattttgagg	2580
tccaagcgtg	gtaacatgag	aattcacact	ttctttggca	aaggcaagta	tatcatatag	2640
aatcttcttt	ccatgatgaa	tttcatatct	tttggttcct	tgctctttaa	atactgctag	2700
agacggctga	aaaacataca	gattactaca	gatgtctggg	gcagaggaac	agtcaaacct	2760
gccaacctaa	aggagaaaaa	ggtcaaat	gataaaaaca	ctgtcttacc	catttgattt	2820
gtaaatatcc	atgataatcc	aaaaatggca	ctgcctaata	gacacagttt	ttaaacagaa	2880
gctaataggc	tacgaaaata	a				2901

<210> 3945

<211> 930

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (346)...(64)

<223> similar to gi1065459 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3945

ggacgtgctg	ccgagtagtc	ccggtatagc	gaagcagcga	tggcggagag	tccgactgag	60
gaggcggcaa	cggcgggcgc	cggggcggcg	ggccccgggg	cgagcagcgt	tgctggtggt	120
gttggcgtaa	gcggcagcgg	cggcgggttc	gggccgcctt	tcctgccgga	tgtgtgggcg	180
gcggcggcgg	cagcgggcgg	ggccgggggc	ccggggagcg	gcctggctac	gctgcccggg	240
ctccccccct	cagccgctgt	ccacggggcc	gcgctgctta	tccactgaga	ccccacgctc	300
agctccgact	gggacggcga	gcgcaccgcg	ccgcagtgtc	tactccggat	caagcgggat	360
atcatgtcca	tttataagga	gcctcctcca	ggaatgttcg	ttgtacctga	tactgttgac	420
atgactaaga	ttcatgcatt	gatcacaggc	ccatttgaca	ctccttatga	aggggggttc	480
ttcctgttcg	tgtttcggcg	tccgccccgac	tatccccatcc	acccacctcg	ggtaaactg	540
atgacaacgg	gcaataacac	agtgagggtt	aacccccact	tctaccgcaa	tgggaaagtc	600
tgcttgagta	ttctagggtg	agaggagact	tttaagtagc	caagtcgggt	gttagcagat	660
aattactcta	ggtcagcctt	tatcaaccgg	agtccctcat	ctgaactaca	gaacacagaa	720
aatgattgag	tgactcttct	caaatctcct	caggatggta	tgtgactagt	atcattctag	780
atgcagaggg	gagaagttaa	tttattacag	tggtaacctt	tgagaagtgg	ttctcttaag	840
agtgtggccc	tgagcatctg	ggaacttgta	gccgagcagt	ttctggggcc	ctatcttaga	900
cctacaaaag	aaactcatgg	ggttggggcc				930

<210> 3946

<211> 2722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2723)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (2722)...(1575)

<223> similar to gi3387942 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3946

tttttttttt	ttaatatctt	agaattttcc	tttactccaa	aaaaccccat	atatacatgt	60
ttctccttta	taagcttaga	gattgctttg	gtggtcaagt	gcagggcggc	tgggggaggt	120
aagaccttca	ggaaggccat	atcccggaca	agaccagaa	gggaagcccc	cagagccaag	180
ggtaggaggg	ccccaccgg	gtctcagcca	ctcacttctc	cagggcggtg	ccgagacact	240
cacaggcctc	agggaggggc	caggtgctgc	tcctgggtcat	tgcttcccc	acaaggtttg	300
catgaggagc	agagacagtc	cagtctcctg	aacaccaca	gggcacagag	cccagtgcag	360
ggggcagaca	ccaccgcagc	tcctgggacc	aagaggaagc	tcccagaggg	ggggccagga	420
acgtctgggt	gggtggacag	ggctgggtag	gggttccttc	tgggccaac	ccccagagca	480
gcagagcacc	ccagtccaag	gaagctcttc	tcagggaccc	aaggctccag	agccaggaaa	540
aagggagggg	cggggcggga	gcctgcatcc	ccagtgccca	tcagctctgg	gggaaacctc	600
cgtctcccg	ccctatggtg	accacagcag	cagaggggga	tcctccatgc	cccaggcagg	660
ctggcatcag	ggccacacag	gggccaggag	caggggtctc	ggagtccaca	gctcccggcc	720
ccagtgggtg	gctcagggtc	cctgggcgcc	atgggtctca	ccacagcctc	gccagggaac	780
aggaccatag	ggagtccctc	tccccatctc	tagccacca	caggcccagc	agagcacaca	840
gccccacctt	cgcacaggca	cctgtggtct	ccaagtaacc	aagcccaggc	cccaggggcc	900
actgcagaca	gcagctggga	tctgcagagg	gatctcagca	gcgagcaggc	agctggcgag	960

gagaggtgcg	tgtgagggag	gggtggccct	ctcctcagta	ggaggaagta	agaggggtatc	1020
taggccaatt	tattcagctg	gaaatcaatc	tgtccagggc	tggaccaggc	gcctccccct	1080
cgatacagct	cctggctgaa	gaggtcatca	gagcagcagc	tgtccccagg	ccagtgtcac	1140
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tgcgagcagg	cccagggtctc	ggcgggctgg	tcaggtggcg	gcagcagcaa	ggctgcgctc	1260
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cagcgctgcc	acgaggtggg	gtagcactgg	cgccgggtgcc	cgcagcggta	agcccatatg	1440
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aagtcgcagt	actgcagcgt	gtcgtagctg	aggatgcaca	gcaccgcctc	cccgggctgg	1680
tcgcaggcgt	ggtagaacgt	ggagaagaac	atggtgtagg	cgtagacgga	ggcctccacc	1740
aggaagaatc	gccgcactga	gacggcgatg	ggggccagga	acatgaggtt	gctgagcgtg	1800
agcagcagtg	tggccgcccct	ctgctggggc	accgtctggg	ctgtgctggt	gtcctgtcag	1860
ctccaccac	gccagcctgc	cttgacagctg	cagctggcat	acaggtagct	gtgtctgcg	1920
agcaggaggc	actggccata	gggtccacaa	tcgttcaaac	agggcaccag	gtacaagggtg	1980
gtctccacgt	ggaccacagc	ctgctcacag	tcctcagcat	tctcagggca	catgagctgc	2040
agggagaggt	accagttgtc	tgtctctggg	taggggatga	tgaggttggc	cctgcgagac	2100
caggcgctca	gagacaaagg	gtagccctgg	aagaaggctg	tgggtgcagtt	gagcgaagta	2160
ttgaagccaa	ggaagggcga	ggcagcattc	acgcaggcca	ctacgacggt	ctcgttccgc	2220
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aggcagaagg	ggctgcggtc	caccctgcc	ctcctgccca	ggctcctggtg	gtcggggctc	2460
ggggacagca	gaccagagga	ggcattgaag	ctctggtttt	ggctgctctg	cagaaggggc	2520
tggatggtca	cgctccgtgg	cctgcaagct	gtgagggcag	ctacagcact	gaaagccact	2580
gtccccaggg	gccccaccag	gctctcagct	gtcacttgca	gccaccgga	cgcgtgggcg	2640
cacgcgtggg	tcttcccnna	ttncgnngnt	ttcgaaaggc	ntcagtnnn	gnnnntcgag	2700
tggattcagg	taaaaccccc	ga				2722

<210> 3947

<211> 1037

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (987)...(415)

<223> similar to gi579930 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3947

caaaaaaaaa	tattaacttg	ccagcccccg	gcccttaa	at	ttgatccccct	taaacggccc	60
ccccctttt	ttttttttg	ccgtttccac	acctgccctt	tattggtctc	ttctagcaga		120
gtggctccag	gcccttcacg	cctctcagac	accacccatg	agggtttagg	aaggtgccat		180
cattctgtga	aggcccagag	cttaccacaa	tcttgagacc	caagttgaat	caccaaccag		240
agggttggga	gaggaaaagg	aaacaggcag	aggggaaagg	caaggctctg	cagtgaagg		300
gactgatatc	aagggaatgc	tgaggtccag	cagtgtctcc	tgaaggcatg	ctgcatccta		360
aggctcctca	ggactggatg	gagtaggaga	tctgtgtgtt	gagcagttca	catctatatg		420

gcaactttaa	ggagggcgtt	gatgtcaggc	tcaatgttga	tggttgggaa	ggtgcggctg	480
tagcgtcgga	agggctctcc	ctccggccct	atgaggaact	tctcaaagtt	ccaggccaca	540
tctgagcggc	gcacaggggt	ccaaatgatg	agcttgggat	cggtcatgag	ggaaaatggg	600
tcatcataag	ggtaggggag	cttgctcttc	aggtaggcga	agacaggatg	ctcgttctgc	660
ccattcacct	cacatTTTTg	gacaagggtg	aaggtagggc	ggtatccacc	cccaggacgg	720
acatacttga	gactgttcag	gatctcctca	ttctgacagt	tctcctgatg	tccaaattgg	780
ttgcaaggga	agccaaggac	caccaggcgc	ctgggaaagc	ggcattgcag	ctcgttgagc	840
tgggtgaagt	cccgggtggt	tgtgcctcag	agcgaagcca	cattctcaat	cagcacggcc	900
ctgccccgga	acgtattgaa	atctaccttc	tccccatcca	ggctgatggc	actgagggtca	960
tagaaggact	tggcaatgaa	agccatggtg	aagcgcagag	tgagccccgc	agagaggcct	1020
gagcccactt	atgagcgc					1037

<210> 3948

<211> 406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(407)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (39)...(217)

<223> similar to gi190372 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3948

gctgcgagaa	gacgacagaa	ggggattatg	gtgtggagga	agaggaggag	gaagaataag	60
gtgatggtga	ggaataggat	ggagatgaag	atgaggaagc	tgagtcagct	acgggcaagc	120
gggcacctga	agatgatgag	gatgacgatg	tgcataccaa	gaagcacaag	accgacgagg	180
atgactagac	agcaaaaaag	gaaaagttaa	actnnnnnnn	nnngggcggc	cgggacctat	240
tcaccttcca	cttccggggt	aaaaatctaa	actgggtcac	cttcaagaaa	agaggccccgc	300
ccgcccaccg	gggccagagc	caccgaaaaa	agaccgcgcg	ttttcacccc	ccaccctaaa	360
ccatgagaat	ttgcaacagg	ggaggaaaaga	agagcccaaa	cttccg		406

<210> 3949

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (49)...(424)

<223> similar to gi189498 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 3949
gaccgcaactg gaaattccgg gccgacgtct gcgagaagac gacagaaggg catgcccagc 60
agcctggccc accgcatcgc tgcccagacc ctgctgggga cggccaagat gctgctgcac 120
gagggccaac accagcccca gctgcgtca gacgtgtgca ccccggttg caccaccatc 180
tatggactcc acgccctgga gcagggcggg ctgcgagcag ccaccatgag cgccgtggag 240
gctgccacct gccgggcca ggagctcagc agaaagtagg ctgggctctg gccatccttt 300
cctgcctctg tgcccctgcc tctccctgtg tcccttcccc tgaggactgc ggctccctcc 360
ctcctgcatg agggctctct actgctcctt ctcctcttgc acagggaaat gcagggggca 420
ggacttggga ggttcagca ggcgggggag ccccgaccag tggggacact cctccctccc 480
cagtgcagcag aagggcaccg tgggtggtggc tctgcccctt gctgcagtga gcccaccttg 540
ctgcaacatt ggttctgagg ggcccaa 567
```

<210> 3950

<211> 1653

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(426)

<223> similar to gi5104682 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 3950
gcggccgccc cctccgctct gagccccgcc ccgctcggcc gccgattgct cgggcctggc 60
cgccagcgcc agggggccgat ggccgagcgc gtcgcaactc cgtccctgcg ccgtgcctgc 120
ctcgcgctcc ctgttacggc gttegtcccc gggcctggcg cccgcgtccg gcccggtccc 180
gcggcgccct ggtccgatgg ctctcagcg gagggccgca accaaggcgc ccgagggcaa 240
cgagcgcccg gagcgccgga accggagcag caccaagaag gaccgagccc cgcgggaggt 300
gcagaggctg tggcagaggc cgtggctaag gaccgcgggc ctgggggctg gctttgtgct 360
caccgcactc ctgctctgga gcagcttggg ggccgacgac ggggtcgcag aggtcctggc 420
ccgccgtggc gaggtcgtgg caggagagatt catcgaggtg ccctgctctg aggactacga 480
cagtcaccgc aggttcgaag gctgcactcc ccgaaagtgc ggcagaggtg tcaccgatgt 540
cgtcatcacc agggaggaag cggagcggat tcgcagcgta gctgaaaagg ggctctccct 600
gggaggatct gacggagggg catccattct ggacttgac tcagggggccc tgtctgtcgg 660
gaagcacttt gtgaacctgt acagatactt cggggataaaa atacagaaca tcttctcaga 720
ggaggacttc cggttatacc gggagggtgc gcagaaggtc cagctcacca ttgctgaggc 780
ttttggcatc agcgcaccc cgtgcatct gaccaagccc acctctctct cccgcataaa 840
cagcacggaa gcgcggacgg cgcacgacga gtactggcat gcgcacgtgg acaagggtgac 900
ctacggctcc ttcgactaca cctcgctgct gtacctctcc aactacctgg aggacttcgg 960
cggagggcggt ttcaggttca tggaggaggg tgccaacaag acgggtggagc cgagagctgg 1020
atgtttttgt ttccggatga tgtcttgtgg gttccaagaa gttaatggac cgagagccag 1080
tgaagctgct ggtgcgaagg ctggagtcag gtgtcctccg gggactcacc acccgtccga 1140
gagggggagag acacatgcga ttctggaagc tgagagcatt gcttattgtt gattccttgg 1200
ttgccgtgct gagtcctgct ttaaggaagc aggtcgcgct tccttcttca cctcggggtc 1260
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cgagaaccta	caccgcgtgg	agaaggtcca	ctggggcacc	cgttacgcca	ttaccatcgc	1320
cttcagctgc	aaccccgacc	atggcatcga	ggacccagcg	ttcccgtagc	cagcagccgg	1380
gccaaagtaa	cttcaggagg	gcccgtgtgg	aggcagccgc	gccagtcgtg	cacccacccc	1440
cacgtccacc	cgctcctgtt	gcacagagt	ccttaggaat	tctctgattt	tgatttgctg	1500
acgtgttaat	cttttcatct	gtgagtaa	gaagggaacc	agcttttcac	ttctccagca	1560
tcatgtgtgc	ttgggctgta	ggcctgggag	cctgaggtgg	aggccaggaa	agggacccag	1620
caggacgggg	cacaagtccc	catctgtgaa	tgg			1653

<210> 3951
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (749)...(547)
 <223> similar to gi607947 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3951						
tttttttgat	ttataaacat	ttttaatgac	tgtgttaaaa	aaccatcata	caaaaagaaa	60
agaaagttgt	tttcaactta	aaaaaaatcc	ttatataatg	taccactcat	ctgggatatg	120
cttctgggag	ggggacactc	cctgcttg	ctgcagcaga	aggcagtg	gagaaagtct	180
taaagtctctg	ggagtcaggc	tagccctcc	tgcaggtgtc	ctcattgcc	cttcttggtc	240
cctgggggtca	agggttaaag	gtgccaaaag	accactgat	cgaacctgag	actgttgaga	300
tgtcctgttc	ccaacagaga	gtatctgaac	tccagaaact	tccctctcag	gcctccactc	360
ccccctcctt	tgtactgtgc	atcctactct	gacttccgtg	gctggggcag	atcaaatgta	420
cattctcagt	gtcccctggt	aacaacctct	cccttgctc	tgatttgca	ggcacagaca	480
aagctgacaa	ggccttcttc	caggaggctg	ctctgctt	tccctctcta	ccccagcttt	540
tggctcctgg	cttctctgga	aagccacagg	actccaccag	cttctctctg	ccaacagt	600
agtcttcagg	gctggagctg	cagggtctgc	ggaattcctg	tccatactca	tgtatccact	660
tgttgccac	ccacttatct	cccaccagga	caggacagcc	agcatgaagt	gtgtcactgt	720
ccccctcacc	actcctgtgc	aggttcca				748

<210> 3952
 <211> 1850
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1848)...(1252)
 <223> similar to gi3882183 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3952

accacttgct	tttgccaaata	caacaaaata	tctgtaaatt	atgtagtgct	caataaagtg	60
aatgtaagtt	tataattgaa	acttcattca	cacaaaaaaa	tggtctttta	ctagcaaac	120
tgaatattac	agcttttcaa	ctatattcta	aataaaaaata	attaaaaatc	aattcaaaaa	180
attcagaata	agtgttttat	ttttttaaat	ctcacaaaaa	ctgaaactac	catttacatc	240
agttgtaata	gcaataaaaa	ttagaaatca	atgtgtata	actcttgaaa	acatttataa	300
aaacaaaatt	aaccaaaaaa	taaacaaaaa	ggtaaaaacta	agtattcatt	ttaaattaaa	360
gataatctga	ctccttatga	catacccact	tgcagatgta	taaatagcag	atgcattcaa	420
aacagtgcaa	gatttaatta	atntagga	atattccaat	caatcccaat	gcaggtttta	480
aattactcgt	gcacgtttat	atagaatcat	aaaaataaac	ctctaataatg	taatcagctt	540
atagccaatt	cagaaaactc	cacaccaata	caacaactgt	ggaaatcatg	agatatgact	600
ggggggagaa	aagcaaaacc	tagcatcaaa	agtgcata	ctcattgtaa	ctacaatctt	660
actatatatt	cctacttttg	ttttaaaaaa	agttttcttt	aaactatatg	tctcaaaggg	720
atactaaagg	tataatttca	tattcttttt	tgaattttaa	aaacatatac	gtaatcctcc	780
tttgtttttg	taagttcaaa	tatgaattga	cagtggtgta	attggattgt	ggattcttta	840
agaaagctct	aagaagagaa	tacaacatac	tatatcttct	ttaagaagta	tgagctgaaa	900
tgtaggcat	tccttgatt	gtttttttaa	tatattttaa	gaatgctgtt	tttgtaaac	960
catggctttg	aaaaagaaat	ctgagatcaa	aatacattac	tagaagatct	ctataaaagg	1020
tcaccaagac	tatccttggt	tgtgaaatca	gggaaaacat	ttttagaatt	tatcttggtta	1080
gaaaaaatgc	taccactttt	cattcttttt	cttctttctt	attatcacia	ttaaacacca	1140
aaagattttc	cccaaataaa	tactgatgta	aatgttgact	tcaaggacaa	agaactttca	1200
taagagtcta	tttctcaggc	atttcaccat	ttcttgagac	cacaggacac	aggcagcact	1260
gtttaatgtg	aattgtcact	ggactccggt	gaaatattcc	ttctgggaga	gtttattggt	1320
acctgaagct	cactggtaga	tgtaggttta	gcagcatttg	gtggctttgt	agaggaatta	1380
ggtggaagtc	tatgacgatt	actctcctca	ccagaagtag	aggaatgtct	tttcttcca	1440
aattcatcac	taatagggg	atcaacacgg	aagtcttcta	acctcttaa	actacagagg	1500
tattcctgaa	gttttggtc	aatagactgt	gtcttagatt	gagaatattt	caaataagcc	1560
caaaactttt	ctagtccata	cagctgacca	gattcgtagt	cttttttggt	ttctcttgg	1620
aaatcctgaa	aaatttctcg	cctgaatttt	tttccagtc	cataactata	aaacctgaac	1680
agacattcta	accataacct	gtaattttct	tttgcattct	cccaagcaag	ttgtctaaat	1740
tcctcataca	tttttttatt	gaagtgatct	ctgaggaaaa	aggaccagaa	acgaaagagg	1800
gtattcattt	cttgggactg	accaattccc	aagcgttttc	cctcgtgccg		1850

<210> 3953

<211> 1790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1791)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1759)...(1283)

<223> similar to gi3650031 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3953

tttttggtatc	tgcacacaaa	tgtggtgcat	gacagtaact	gatgatgtag	acacatgggc	60
ccttttgggag	ctgatatttt	tttcaacctt	gctctgcctg	ttggctagta	gacacacgag	120
tcaaatcttt	ctacctaagg	gcatagtgtg	gttcttgga	taagtgcac	ataggagaag	180
tcggatctga	gctcttttgt	cacacaagt	ctaacgaaca	gaaaatgagc	cacgacagtt	240
aaacactgaa	tggatcgcaa	tgtgcttttc	ccttggtttc	ccataaaaaac	gaaaatgaaa	300
caccttgtgc	aaaaaaatag	gatacgcttt	tactggttgg	tttaatgaga	gagaaccact	360
tttggccatt	atcaccttac	gttactacaa	atcctgaaag	gaaagcagct	ttgagtcttg	420
ggctcggctg	aacccccctg	atggaccggg	gctaacagta	ccctctatga	ctccccacagg	480
tctctctttg	tgtccagatg	gatggcgact	gtgagtcagc	aacgccagcc	aagacttcct	540
cgcctttacc	gtggcattgg	ggcagttttt	caggctctct	acggagagag	aagtgggcca	600
gtaagggaga	gggctagaga	gaggacacca	gtttacatag	ggttgacttt	cacttgtgtg	660
tagtagcagt	tcagaattta	aaagaaattt	ccttgcagaa	agaatgtctt	cctcttggcc	720
cctcttaatt	ttttatgttt	ttatttattt	ttaatctttg	gcagcataga	actgattgtg	780
gtcctccgat	gcatttcttg	tgtcgagaac	ttcctttctc	aacctcccc	tcccccatag	840
ccatccccac	aagctgtccc	atcaaggaat	atttcagggtg	taaaactgaat	atgccacgag	900
gcctcctctt	catgaagtgc	ttggttggcc	tacgtatggg	tggcaggctg	gacacagctg	960
aatcgtcttt	ctgggtcacc	ctgtaaccca	agtccccctt	cccgttctct	cccaacgcta	1020
cttatccgca	ggaattggat	gccggctggc	ccccctgatg	gttcttggcc	taggggctgt	1080
catggcagag	ggaagccacc	aaggtgccat	tgaggattgg	tgtctggctc	tctatgggca	1140
agagcgccag	gggacacaca	gtgggaccgg	aaccttcag	aatgtctcct	cagtcagggt	1200
ttcaaggggg	agggaaatgcg	gagacaggag	aaaaaaagt	ctgagggcca	aagctggtgc	1260
aggggtgacgg	tgcgtctggg	taaggcaaat	gagaggcagt	gaggtgatct	cagaatggcg	1320
ttgaggcggt	cagattaggc	cgggctggct	cacacgaggg	tcccgggctt	ggctttttcc	1380
tgcccgatcc	actggacatc	agctagtctt	ggatagaggg	aggaatccag	gaaacagcta	1440
tcattgtagc	tcccagctctg	ccagggttagg	atgtggtggg	ggctgcttgg	gggggtggct	1500
ccaatttcac	ttgacgggtg	cgagcttctc	tggctttgag	gtaaggcagc	tgacgtggcc	1560
ttgcacatct	ggggcatcct	ggtgaccctg	ctgtgcgcca	cgaagggtgct	ctgggaggag	1620
gtgctgtact	gcgagccgct	gtccgaggag	gtggagctgg	tgtgcgacag	gcggctgtgc	1680
tccttgtgcg	aggcggtgga	acgctggtac	cactggcgca	gctcgtctga	gacggcggct	1740
cgtgccgaat	tcctgcagcg	ctggtcaatg	cnngtcaatn	cncggtccct		1790

<210> 3954

<211> 641

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (642)...(115)

<223> similar to gill171130 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3954

tttttttttt	ttgtgtccca	gccccacttt	attttcgaat	ttaaaactca	gggtcaattc	60
ctgggggttcc	caggcaaccc	tccctcgagc	ccactcacta	ggggccagcc	ctagatcttg	120
aaggccaagg	tgagtccatc	gcccgggg	aggaggctga	tgtagaccct	gacgtcccgc	180
cggatgcgtt	cgtttaggtt	tcgcacacac	tcggccgcca	cgtccccctt	cggaggttgc	240
agcaccttcc	cgcgccacag	gactctgagg	acggcgagga	tgctccggg	tcgcagcagc	300

tgcaggcagc	gctcgtagta	ggcggagcag	ttctccttgt	ccgcatccac	cacggccacg	360
tcgaaggtgc	cggcctcgcc	cgccgccagc	agctcgtcca	gggtctccaa	ggcggctttc	420
agccggaggg	tcgattcttg	tgctccgcct	cggcctgcgg	agggagcggg	tcagccgttg	480
cgcccccgcc	tggggctgca	gagctaggcg	cgggcgctca	cctgcctcca	caggggccgt	540
cccagctccg	ggggctgcgc	gtccacctcg	caggtcacca	cgcgcccgtc	cgcgggcagc	600
gccagggccc	aggccaaggc	agaatagccc	gtgaagtgcc	c		641

<210> 3955

<211> 970

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (969)...(410)

<223> similar to gi532822 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3955

tttttttttt	ttcccatagt	tgtttttatt	tttccttaaa	aaaaagagtc	catttttctta	60
tacagacatt	cattttatgta	agaccacat	caggcttttt	ctaaagtgcc	aaaaccctg	120
caatcccat	aacttcaggt	gagaattata	atgggcagaa	gaatgtatca	actaaaatac	180
tcaaggccat	ctcaaatect	gaagagtcct	tggtttctgt	gacaaggggg	aattttgcta	240
gcaaataagt	aaaatccagg	taaatatgct	ctaaatcttc	atcttcaggt	tcttaattct	300
ttaacatatt	gtatcagatt	ttgtattcaa	atctaattat	attttgtaaa	aaatgtttta	360
aaaattccta	gataaaattt	tcattcatta	attttctatt	ttattctcta	tacccttctt	420
tgttttagtct	gtcttctttt	ctttccacaa	attcccaagg	acaatcccta	aaaaaactat	480
tagtcccagt	gttcggttgg	agataaaatt	attccaacaa	tcctcagggt	tgtggatgtc	540
tagagtgtaa	atctggtgag	tcagatgggc	tcctacagca	cccagggcag	cgtagtaggg	600
agcagctctgt	ccactgttca	caccactag	gctcagtgcc	cccagcattg	caacactgaa	660
gccgctgagc	cacggcttgg	tattttctcc	gaaccgcaga	gccgttgact	taagaccaat	720
caaaacatca	tctcttttgt	cctgatgggc	ataaatagt	tcatatatta	gtgtccacat	780
aactccagaa	aaataaagag	gcaggcaaac	agatggatca	caggaaccct	tgatagcaga	840
ccatccaagt	aacgctcccc	aattaaatgt	caagcccaag	gctagttgag	gccagtatga	900
aattcttttc	attagtgggt	aggtgatgac	aagaagtaag	gatcctgctc	ccagagctat	960
actgtagtgt						970

<210> 3956

<211> 896

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (319)...(349)

<223> similar to gi3874290 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3956

actcagccaa	aaaaaaataa	tgaaatctta	tcttttgcaa	caacatggat	ggacctggga	60
ggccccatta	agtgaagtta	atgatacaga	aagtccaaaa	acccacatgt	tcctccataa	120
gtgggagata	aaccaatgtg	taccacctgg	acgtggagag	ccagaatcca	tagaccacta	180
gagccttcaa	aggtggggag	tggggtgaga	gatggggaaa	gtatttacta	gggtacaatg	240
tatactatth	gggtgagggt	atactaagcc	cagatttcac	cactatgcaa	tatatccctg	300
taataaaaagt	gacataaaatc	cataaaaatt	acaaaaagtt	gctcaaaaaa	gattggtagt	360
cagaagctga	attctagatg	tgctttttca	actatctcat	tttgtaaagt	tagtgtagatga	420
atctcaaaat	ttaacaatag	acaattttta	aaataccaaa	ctgccaaaat	taaaagaaac	480
cgtctttttta	aatatccaag	ttttttggcc	aacttggtctc	tactacttga	ttttcaaagg	540
gattagtggt	tactcatcca	cagtttaatt	gttttgatcat	tttctaattgc	tgctgatgcg	600
atgaggtttt	ctgtaggatg	acaagctgct	gagatcacaa	catctgtatg	gccttgtaat	660
ttctgcacaa	tctcttttagt	ctgaagggtc	caaagttaaa	ccagggttatc	ctcggaacca	720
gacacaatcc	actttccacc	agtaactgaa	aaattggcaa	atatgcaata	tttctcattc	780
ttatgaccag	tgtatgtttt	caggcacctg	cctctgctat	aatcccatag	tttaagagtg	840
ttgtccaaag	ttgcagttag	aatggaatgc	cctcaaatgg	atatgggtctc	atgggg	896

<210> 3957

<211> 1121

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (489)...(782)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3957

tcgggtgcag	accaccagat	cacacagtgg	gaccttggca	agtggagcgg	gacctgagg	60
cgggcgacgt	ggaggccgac	cccggactgg	ccgacctccc	gcagcagctg	ctgttcgtgc	120
accagggcga	gaccgagctg	aaggagctgc	actggcaccc	gcagtgccca	gggtccttg	180
tcagcacggc	gctgtcaggc	ttcaccatct	tccgcacccat	cagcgtctga	ggcgtccac	240
tggctctgat	cttgcttcct	gcttggaaac	tgaagtcgaa	ttgggctccc	ctggaagggg	300
ttcattcagg	tctgttgact	gagactggcc	ggcctgtggg	ctgccgtgat	ggattctgtt	360
tgacgtattg	ttctctagaa	ggcctggctc	tgatccagtg	acccctctca	ccaaagaact	420
cgggttaacc	agggctctgt	aagaccactc	ccaccagag	acttgtgtgg	cttggtgtgg	480
cctgtgtgtc	ggattccttc	ctgtcagctg	tgacccattt	gacctgtgtc	cccagaaccc	540
agttttttgt	ttgtttgttt	gagacggagt	cttggtctgt	cgcccaggct	ggagtgcagt	600
agcacgatct	tggtctactg	caacctccgc	ctcctgggtt	aaagtgattc	tctcagctca	660
gtctcccagg	tagctgggat	tacaggcatg	tgccaccaca	ccccgttaat	ttttgtattt	720
ttagtagaga	cggggtttca	ccatgtttgg	caggctgggtc	tcaaattctt	gatctcaagt	780
gatctgtccg	ccccggcctc	ccagagtgtc	gggttgggat	tacaggcgtg	agccaccgcg	840
tccggctcag	gacccagttt	tggctgtctg	ttcccagcag	gggactcggg	ggatatacag	900
tggctgcacc	aaattggagg	tgtgggttcc	tccaacacaa	tttgcttctg	cccgttgtct	960

```

tctgtccagc tgggtttggc caggatttct ccgtgtgggg gctacatgcg accctctccc 1020
ctctccctg acttttagagg ctggtgctgt gtcgggagga aggtcagggc tcctgagcag 1080
caataaagga ccaggaagag gcctgaggtg taaaaaaaaa a 1121

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<210> 3958
<211> 1245
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(561)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 3958
caagcagtgt aaattaaaaa actacattga gatacatcat agtgaatatg caaaacatca 60
ataataaaaa gaaaaacctt aaaggcagct ttaacagtat actgaatgac caatatactc 120
agcagccaca gaacctctat tcttttaaag catccatggg acatttatag aaattgacta 180
tgcactggac tataagcata tgcaataaaa tttaaataga ctgaaaccat atgagtatat 240
tcttttgcca caacacaatt aggctagaaa tgaacaacaa aaagataaca ggaaaatctc 300
tatatatcag aaattaagag atgcacttat ttattttttg ttttttggga gggagtctca 360
ctctatcacc cgtgcagtgg cagcatcttg gctcactgca acctctgcct cttgggttca 420
agtgattctc ctgtatcagc ctcccaagga gctaggatta caggcgtgtg ccaccatacc 480
cagctaattt ttgtattttt attagagatg ggatttcacc atgttggcca tgctggtctc 540
aaactcctga cctcaaataa tctgccagcc tcagcctccc aaaatgctgg gattacagat 600
gaagagatac acttctaagt aatctatatg tcaagtaaga caaatgaaa ttagaaaata 660
tttttaagtc aatgatatta aaccatacta cacatcaaaa cttgtgggat gcacttaaag 720
cagcatgtag agggagatta tattcataaa tgcttatggg agaaaagaag gaagtctgta 780
cattatgtag ctatgcaccc atctaaagaa gttaggaaaa tgacatcaag tagaacatca 840
aaagaaagaa ggaaaggata acttaaaaca gaaatgaatg aaataaaacc agaatagaag 900
agacgatcta caaatccaaa agttggtttg ttgaaaatac tagtagagct gacatacctg 960
tgggtgagact gatggaaata atgcagttac aactaaccaa tatcataatt ggaaaggaaa 1020
tcactatagg tgctgtaaaa attaaaaaga taatagaata ttatgaacaa ttttctgcca 1080
atattattga aagtttagat aaaatggaaa attcatttaa aaatataatt tgacagtatt 1140
atgttatgtg aatactataa tgataatcct gtaatcatta aatgaaccag tagtttaaaa 1200
ttttccata tagggaaggt cagggccaga tgtgttcaat ggttg 1245

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<210> 3959
<211> 1481
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1)...(1482)

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<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1373)...(360)

<223> similar to gi1293846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3959

acgcaccaaaa	tagagttttt	tttctctttt	taaaaactct	atttggtgcg	tgcccacggt	60
gctgcgtccc	gtcagacata	cctgtataga	tctctctatt	tatatatata	tatatatata	120
taaaagggtc	tttagcagtt	aaatagattc	caatatgaac	gtctcccagg	acaaagctgc	180
gtctcgcttc	tgggtcacac	gcatctgtgc	ggctgggggtg	tatgtgccgc	gtcacagcag	240
gtaccatata	aatacgttga	tttgaacgca	gtttccctgt	gggtggtaaa	aacacattcc	300
tgacaagtga	caaagcagaa	gagtcgggca	gctgcagcgc	cctcactcgg	ctgggacctc	360
gtacttgaag	atgacgctga	agagccggcc	gcccagccgc	tcggccagcc	acgcgttctt	420
gatgacggcc	agcttgaggc	tctcgacgcy	cagggtgcyg	tggtagtttg	tgtggacagc	480
acggccccatg	ccctcgatga	ccaccagatc	cgcgccacgc	ccccgcacca	gtgcggccag	540
ccccttatcc	aggcggctga	ggtcgaggca	cggggagctg	gagcccgctc	gcaccagcag	600
cagcctctct	tcccggagcg	cagagtgcac	gacagggtcc	atgcccgcaa	tacgctctgc	660
cacgatgagg	gactcgctgt	gggtcacgtc	gttcaggggc	gggcctgagt	tgcacgccag	720
gatgacctct	gtccctctaa	ggagtagctc	cctgacaaag	gggaagactc	ccaaaatgat	780
gtctattcca	ctgttatctg	cgaaaattaa	ggcacattta	tgagggggcc	cctttaatct	840
ctgaagccac	tcgctgtagg	aatccacgag	ccagggtctt	tcttgtaact	tcctctttgc	900
ttcttcaaac	ccaaagtagg	ggtcggatcc	aaggacagca	gacacggctt	tggcccccca	960
gtcgaagaca	ttccccgcca	ggaggccttt	caccagcgcc	agctgccgtt	cctcccagcc	1020
cagcgcgtcc	agggagcgca	cgaccccggg	gaagcacctc	agcgccacgc	cattctcccg	1080
ctgcttcact	ttggagtagg	gatccgggaa	gttgaactcg	ttcagacagt	gtcctctggg	1140
gtccagcagg	ctgcgcacgg	tcagggtccc	ataggcgaag	ggctgctgcc	tcagggtctg	1200
aagcttggtc	cagtacttct	gccggaactt	ctccatccta	tcgcctgcat	tcacacagtg	1260
tggttggatt	gcctctgcgc	gttacaaaac	cccgttcagg	gcgtcctcaa	accagggtcag	1320
gcagtatatt	cgggacagag	agtcacgcga	taggtgcccc	gtgtagggca	cgtaggaggg	1380
tgggtacagg	attagcgcca	ggcttatcag	tggcatctcc	agccgggtccg	aattccagca	1440
catggactat	gttatcaaaa	nnaggttata	taattttttt	t		1481

<210> 3960

<211> 1665

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (334)...(52)

<223> similar to gi4584215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3960

atcgagaccc	ctgtcgagtg	tgcgggaatt	ccaggtcata	ttgttcacag	agatgattat	60
aaaatgcttt	ttatgactta	caaaagaaag	cttagaatat	tcgttagaaa	tgccttatca	120
ctgaacactt	agcgtttttc	tgtttcttga	ttctaaaaca	gtgatgacgc	tgatcatggc	180
attaatgaag	tgtgatcta	ctatatTTTT	tagtttaata	tgctgttta	ttcggttaac	240
agtataaagt	aatcattctg	atctggcctc	tttttgTTTT	ttttccatt	ccctccattt	300
ttgccgcttc	cgttttgcaa	acatcagatc	cgagatgagt	ggggcaatca	gatctggatc	360
tgccttgggt	gtaacaagcc	tgacgatggg	agtcccatga	ttgggtgtga	cgactgcgat	420
gactggtacc	actggccctg	tgttggaatc	atgactgcac	ccccagaaga	gatgcagtgg	480
ttctgcccc	agtgtgcgaa	caagaagaag	gacaaaaagc	acaagaagag	gaagcatcga	540
gcccactgac	gactcccgag	gggctggacc	aagcgggggc	agcccgggct	tcttccctgg	600
cgcctctgga	agggagctgg	tgcaagtctg	ccgtcacatc	cacccccaga	tgctgtgga	660
taaagaaccc	aggaggactg	aggctggaac	acaccgcgca	cctggattgt	tcactcccga	720
gccgccttgg	cctgtggctc	cgtggcagtg	cgacagaagg	aaactcaagc	agaggcgtgg	780
cctgggggct	gccccctctc	cacttctcta	ataccagtga	caagtattat	taataaagag	840
cgtacatctt	cccttttgat	ttcctttatt	ctctccaggg	ccttttcatt	gagggtattag	900
atgagaagat	aatgtacaaa	ctgcctcaac	tgtaatttaa	ggatgataga	gtctgtatac	960
agttttcagc	ccctttccct	ctatagtaag	ataatcagaa	taacataaaa	gaaaactcca	1020
gttgaggtac	cggtaaatat	ttttgtgata	agaatatatg	aagcttccct	ccttcccccg	1080
tttttagtac	taacatgtaa	aatgttcagg	cttttgtaaa	ataccttata	ttttttaaga	1140
aaaaggtttc	tatcatgtcc	tgtttgcttt	tgtgcaaatt	atttttgttt	aatgtatttt	1200
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ctctgaaatc	cactgtgatt	tcagccaggt	ctgtaatgac	gctggacaga	aacaaggcta	1440
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catggtgggg	aaagggcccg	agcagttgga	aggaaaacaa	ggcaatttaa	atttagagtt	1560
tatgacttga	agttgttttg	tttgttgtct	attttgTTTT	tgtaaatttc	tttgacagac	1620
ttttactaaa	aggacatgta	gtttccatga	aagccaaaaa	aaaaa		1665

<210> 3961

<211> 2478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (249)...(645)

<223> similar to gi330953 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3961

cttgaagaag	aacctggctg	acgaggatgc	tgtgtcttgc	ctgggtgctgg	gcaccgagaa	60
caaggagctc	ctgggtgctt	accccagagg	cttcaccatt	ttagccaagg	atgcagtgc	120
cagcctttgc	tttgcccggt	acgggcggga	ggacaacacc	ctcatcatga	ccactcgagg	180
tggtggcctg	atcatcaaga	tcctgaagcg	tacagcagtg	ttttagaggg	gaggaagtga	240
ggtgggtccc	ccaccagccc	aggccatgaa	actcaatgtg	ccccgaaaga	cccggcttta	300
cgtggatcag	acactgcgag	agcgggaggc	tggcaccgcc	atgcaccggg	ccttccagac	360
agacctatac	ctgctgcgcc	tacgtgctgc	ccgcgcctac	ctgcaggccc	ttgagtccag	420
cctgagcccc	ctgtccacga	cagcccagga	gccactcaag	ctgcacgccg	tggttcaggg	480
ccttggcccc	acctttaagc	tcacacttca	cctgcagaac	acctcaacaa	cccgtctgt	540

cctggggctg	ctggtctgct	tcctgtacaa	cgaggcgctc	tattccctgc	cccgggcctt	600
cttcaaggta	cccttgctgg	tgccagggct	caactacccc	ctggagacct	ttgtggagag	660
tctcagtaac	aagggcatct	cagacatcat	caaggtgctg	gtgcttcgag	aaggccaaag	720
tgcacccctg	ctgagtggcc	acgtcaacat	gcctggggagc	gaggggctgg	cggccgcctg	780
agacctgagc	tgctgtgaaa	gcccctgcac	aatcagccag	ggagaactgg	gcggttttag	840
tggtcccgag	cccaactctc	atgcagcagt	gtgctggggc	gacagctcgt	ctccccctctc	900
ttaagcacc	gcttctctac	cacccccact	gttgggccta	tagtagcagg	ttagttagta	960
cctagggcgg	ctcaactcct	cccacagcac	caaccagca	tggtcccact	gaagtcctac	1020
tacgcctctc	cctccccagc	cttttccaga	aaccatactg	ggctcagatc	agagctccga	1080
agcgggtcaaa	gtgagctgag	caggacaggc	ccagcctttc	tccactgcca	cgtccctcat	1140
gcacatcact	catctcctgc	tgccaggccaa	ggccaaaatt	gggctagtcc	tggccaggga	1200
aatcagaagc	tcttcttggg	tgagattgag	cctcctggtg	ctccttgagg	ttccggaggc	1260
tgggctgcag	cccactcagc	ttgcgggcaa	aatacgtgct	ctcctctctc	cttgtagct	1320
gagcaaaccc	agggaaatagc	cctcctctcc	ccaggaaact	tctctgaaat	cttagactta	1380
gccagtctta	ggcctacgat	gccacacaaa	ggttggttcag	ggagaagggg	gtgcaggagg	1440
cagaggggtgc	cccgcaggga	gctgggtggc	ccagccccac	tagagctcct	aaagatcaca	1500
cagcagctgc	tcctgacagg	gatgctcatg	cccagaaagc	aagcccagga	gaggaaggca	1560
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agcaggaaa	gcggggcctt	tcttgtcata	gctatttctg	aggatgaaat	gggagacata	1800
tgcccagcac	ctgatgtgaa	tttatataat	gtaatatatt	gtacctacca	ctaagaaata	1860
catgaaccgt	gccatgagga	cagtaagtgt	tcataaagca	acatgaagca	agaaacagtg	1920
caggggtgcc	agtgcacaca	ctagagagaa	attgtgaaca	ttaaggacaa	ggagaattgg	1980
tgtctttcta	aaacatactt	atttaaaaac	acatacccac	ttactaatgt	ggaattacac	2040
agtttgtaac	aagaaaacag	tctctcccat	tctctagtac	tgctccccta	cccagcagtc	2100
acttccagtt	cattcagcta	ttttttaa	gtgcttatat	gactcttgct	tgatatatca	2160
atcttagaca	ttacctgttg	actcctgtt	gtcatacatg	aggctttagc	tctcttttgt	2220
cagcaaccct	cccccatccc	tagttattag	gttaaaaaat	actcagatta	ctatttctat	2280
tactatgtga	aagttaactg	cggagccaag	agttggacta	taattaaatt	accttccttg	2340
tactttcttt	ttaatggagg	taatgagttg	ccctgagttt	ctcatttact	ttgttttctg	2400
atggactgat	tgctaattct	tcacccacca	tctgacagct	cctctttttt	ctagacagct	2460
tccttcatcc	cctgcttt					2478

<210> 3962

<211> 2105.

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2080)...(1787)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3962

caggaagaaa	accatgctgg	caccatctct	gaagcagttt	tccttacgag	tggagatttt	60
gccatcctac	attccagtga	gggtggctga	aaaaaatcct	atgtgctgga	gaatctgtac	120
agacgtctga	gactcaaaat	gtgaccctga	ctagaaaagg	atccattttg	aaaaaccagg	180
aagacgcttt	tggtgcagag	ctgctccgtc	tcaagcagca	gccactcttc	agcttggtgg	240

actttgaaca	ggtggtggat	cgcattcgca	gcactgtggc	tgagcatctc	tggaagttga	300
tggtāgaaga	atccgattta	ctgggtcagc	tgaagatcat	taaagacttt	taccttctgg	360
gacgtggaga	actgtttcag	gccttcattg	acacagctca	acacatgttg	aaaacaccac	420
ccactgcagt	aactgagcat	gatgtgaatg	tggcctttca	acagtcagca	cacaaggtat	480
tgctagatga	tgacaacctt	ctccctctgt	tgcacttgac	aatcgagtat	cacggaaagg	540
agcacaaaga	tgctactcag	gcaagagaag	ggccttctcg	ggaaacttct	ccccgggaag	600
cccctgcac	tggtgaggca	gccctaggtc	tttctacaa	agtacagtgg	ccactacata	660
ttctcttcac	cccagctgtc	ctggaaaagt	acaatgttgt	ttttaagtac	ttactgagtg	720
tgcgccgggt	gcaagctgag	ctgcagcact	gctgggccct	acaaatgcag	cgcaagcacc	780
tcaagtcgaa	ccagactgat	gcaatcaagt	ggcgcctaag	aaatcacatg	gcatttttgg	840
tggtataatct	tcagtactat	ctccaggtag	atgtgttgga	gtctcagttc	tcccagctgc	900
ttcatcagat	caattctacc	cgagactttg	aaagcatccg	attgggtcat	gaccacttcc	960
tgagcaatth	gctgggtcaa	tccttttatcc	tattgaaacc	tgtgtttcac	tgccctgaatg	1020
aaatcctaga	tctctgtcac	agtttttgtt	cgctgggtcag	tcagaacctta	ggccccactgg	1080
atgagcgtgg	agccgcccag	ctgagcattc	tcgtgaaggg	ctttagccgc	cagtcttcac	1140
tcctgttcaa	gattctctcc	agtgttcgga	atcatcagat	caactcagat	ttgggtcaac	1200
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acagaagatt	caaaacatcc	cattctagcc	acacacaaat	aaatatctgc	ggcttagtga	1380
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catcattccc	atgtggaagg	gtctctccca	tcaaggagaa	catgtggcat	ctctgatcct	1500
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gcagaaaagt	aaatatthta	tggttcatat	gtgaaaaagt	aattatgttt	ataaatagac	1680
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ctataccaag	taatttatac	ctacacagat	tgggcaattc	tagctaata	aaatatactt	1800
aaaagtattt	cttaggccgg	gcatgggtggc	tcacacctgt	aatcccagca	ctttgggagg	1860
ccgagggcgg	cggatcacct	gaagtcagga	gtttgagacc	agcctgacct	aacatgatga	1920
aacctcgatt	ctactaaaaa	tacaaaaatt	agcccagggtg	tggtggcatg	tgccctgtaat	1980
cccagctact	caggaggctg	agacaggaga	attgcttgaa	cctgggaagc	agacgctgca	2040
gtgagctgag	attgtgccat	tgcatccag	cctgggcaac	aagagcgaaa	ttccgtctca	2100
attag						2105

<210> 3963

<211> 551

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(552)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (551)...(206)

<223> similar to gi3212996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3963

gcttgggctg	tcctctgatg	ccatgttgtc	agcccagaca	ggcagtgtga	tcagggctcc	60
tggcagaggg	tctcttgaga	cacagccact	gcccctgctt	ggtggtcgtg	acttgggacg	120
cagcctgcct	gtgactggag	ctgggggtga	cgggtaagat	gagtggagat	gttgggccag	180
tggggcctga	ttcccagact	ggaccaaacc	ccaggggctg	tcctccaatc	cggaccatct	240
tccagagctc	tccggatgcg	cttgtgaaca	gcaagttact	aggaaacctc	tgctgcgtct	300
gcacgtccat	caccagggag	atgtagccct	cgatgagggg	gaaggagaag	aagcggatgt	360
ggccgcagtc	atccccagtg	gccatggggt	ccttcaactcc	attggagtag	aacatgacat	420
ccatgaggag	tgtggcaaca	gcaggcagcg	tgtcagggtc	caggctgggtg	acacagaacc	480
tgttgctcgg	gctggccgaa	ttccaccacn	tggactaagg	tctactatna	ggggcctcaa	540
ttggacgtgc	c					551

<210> 3964

<211> 1216

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1075)...(807)

<223> similar to gi406113 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3964						
tgcagtggcg	cgatctcagc	tactgcaac	ccccatctcc	gaggttcaag	taattctcct	60
gcctcagctt	cccaagtagc	tgggattaca	ggcacgcacc	accatgtgtg	gctaattctt	120
ttatttttag	tagagacagg	gttttgccat	gttggccagg	atggtcttga	actcctgacc	180
tcaggtgac	caaccacctc	ggcctcccaa	agtgtctggg	ttacaggcgt	gagccaccat	240
gectggccct	gagagccctt	tctatgcagc	aaataacttg	ctaagattct	tctggggctc	300
ctcagtgcct	tcaggatcaa	gttgggtgct	ctctgtggca	tatgaggccc	taagaggcct	360
ggcccttac	ctgcttctct	aaattgggct	cctgcctctc	agtccccca	gccccctcag	420
tctggccagg	cttagcactt	gcacttccc	gaatggctat	agacattatt	ccgctatgcc	480
tcactaattc	ctacttaact	gacagctctg	tcaggtcac	accactttta	tgacctttct	540
cggaccccat	aggctggatc	agatgcctcc	tgaagaatta	cagacttctt	cctctagact	600
tggaggtgag	ggaccctctc	tggaatagag	aagggtgttg	gagtgtttgt	tgaatgaaag	660
agtgaatgaa	tgaagtcctt	cagtaaggat	ccctaagcag	ttactgtgtg	cccaatgtga	720
tgccaggtgc	tgtgcaagct	gagcctgggt	agggatgggg	aggagtccctg	gggaggctgg	780
gaccagaact	agggatatgg	actcaccttc	cacttgctct	tggcaaagtt	cttcttgatc	840
tgctcactca	ccgactgggtg	gatattctta	tctagagctg	tatctcctgc	aatcctagga	900
tggggttatg	tggtgggttg	cctatgaggg	cagaagcaga	cctgagggcc	ccaaatcccc	960
ccccagctca	caggttggtg	gaattctcac	catgggtgct	gcaaggcctg	ctcacagggtg	1020
aatcttttct	ctgggtcctt	ctccatcaag	tgccggatga	aatctttggc	taaacccccca	1080
agacaaaagc	aaagataatg	acagcatggt	actgcctgtg	tactccccaa	gagcataccc	1140
actccctcag	gtctggcctg	gcacaaagac	aaagaggcca	aatcagtcga	tgccccaccc	1200
cacccaacct	atgctc					1216

<210> 3965

<211> 799
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (800)...(499)

<223> similar to gil57535 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3965

tttttttttt	tttaatttaa	taattaattc	tttttaatac	aaagctttgg	gcattagcaa	60
ttttatgaaa	aaataaaatg	tactaaaaat	aaatgcttgt	gtggcatgat	tggtaaatga	120
tgcacaaaaa	taggttcttt	tttccttcaa	ggcaaaatca	gtcagaaagc	aggttttttc	180
ttcttcaaaa	ccattctacc	tcattagcat	tcaagctagc	tgtggctctg	atgatcatgt	240
agcagagtgt	gagggcactg	aggaggccaa	aactggcaat	aataaaccat	tcttttggtt	300
ctgcaatggt	gatttctcct	gttctcggag	tgagctcccc	atcctgagga	agaggtgaga	360
tccccgaagt	tcgaagtggc	tcaaggccaa	gggagttgtc	gccggcgagg	tcgccgaggg	420
ctgatcttcg	gttaacagct	tgggttctgg	tgagcctttc	catatcgaat	gctacgttat	480
cagtacatgg	caaattcggc	acaattccca	gggccttcaa	tatattaagt	ttgcacatag	540
gacaggtaca	atgttcacta	agccagggat	ccacgcagga	tttgtggaaa	acatgcttgc	600
aggagaaaat	tccgacgaca	tcattctgct	atagcctctc	tatgcagact	gcacaatgat	660
caaagtctgg	gtcagtttcc	ttgtcaccct	tctttactgt	cctgggtgtc	aatttactga	720
tggctttctt	ggctgcatct	ccgagacgac	gctggttcct	gtcgcgtgca	tttgggtacc	780
tgatccttct	gatgacgta					799

<210> 3966

<211> 1869

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(671)

<223> similar to gil945499 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3966

tctctagccc	agcgtggtgg	aattcgtacc	tatgagaaca	atttttcatt	cgtagtttgc	60
cagacatatc	aagaaatctg	aaggccagaa	aattcctaaa	gtggagttgc	aaatatcaat	120
ttatggagta	aaaattctag	aacccaaaac	aaaggaagtt	caacacaatt	gccagcttca	180
tagaatatct	ttttgtgcag	atgataaaac	tgacaagagg	atattcactt	tcatatgcaa	240
agattctgag	tcaaaataaac	atttgtgcta	tgtatttgac	agcgaagagt	gtgctgaaga	300
gatcacttta	acaattggcc	aagcatttga	cctggcatat	aggaaatttc	tagaatcagg	360
aggaaaagat	gttgaaacaa	gaaaacagat	cgcagggtta	caaaaaagaa	tccaagactt	420
agaaacagaa	aatatggaac	ttaaaaataa	agtacaagat	ttggaaaacc	aactgagaat	480
aactcaagta	tcagcacctc	cagcaggcag	tatgacacct	aagtcgccct	ccactgacat	540

ctttgatatg	attccatttt	ctccaatatc	acaccagtct	tcgatgccta	ctcgcaatgg	600
cacacagcca	cctccagtac	ctagtagatc	tactgagatt	aaacgggacc	tgtttggagc	660
agaacctttt	gaccatttta	actgtggagc	agcagatttc	cctccagata	ttcaatcaaa	720
attagatgag	atgcaggagg	gggtcaaaat	gggactaact	cttgaaggca	cagtattttg	780
tctcgaccgg	ttagacagta	gggtctgaca	tcaagaacaa	gaaatcctga	ttcatgttaa	840
atgtgtttgt	atacacatgt	catttattat	tattacttta	agatagggtat	tattcatgtg	900
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actattgata	tgtaattttt	attttaaaaa	cagcttactg	taaagtagat	catactttta	1020
tgttcctttc	tgtttctact	gtagatgaat	ttgtaattga	aagacatatt	atacaaatac	1080
ctgccttggtg	tctgagttct	atthagttag	catcttgaaa	tttgatttca	ttttccagat	1140
ggctagttta	ttaatgattt	cccaaaagcc	ataccttaaa	gataactttt	taaattctga	1200
agagacatgc	caatgtcaaa	ctaaacatgt	tctgttttta	aaccaacaaa	catgttacta	1260
ttcattggac	agatatcatt	ttatgtataa	atactgttca	catcactggg	aaaatgtaaa	1320
ctttaaacat	aatgccacaa	ggtcactaat	ttctagcagg	taaaattata	aggatataaa	1380
ttccaataat	aaaccaaata	tatttagagt	atatttaggt	aaatgcaagg	tgatgttagt	1440
tatgatcagt	tatactctaa	atatttaatt	tgttttataa	aggtagtgaa	aaaatgaaaa	1500
tttgctatatt	attaaaaaac	attaaatttc	attccaaatg	agataagtga	tattactata	1560
acatctaagc	atcatctgat	ttgatattcc	ctaaaaaaca	tttggaatat	atgctatcta	1620
tagattcagt	atctactacc	catattttact	ttaccaaata	tattttctct	cactgcataa	1680
ggactactct	tctcatattt	tcttctttga	tgaagatatt	tttcaccaa	gtttattttg	1740
tgatgccttc	ttgggtttga	tactttaaaa	tctgtggcac	ccgttctaca	tgaattatca	1800
atatttggtg	aattcaatct	gtatttggtt	ttgggttaaaa	gtcaaaaatc	tcattttcca	1860
aaaaaaaaa						1869

<210> 3967

<211> 6147

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (113)...(2387)

<223> similar to gi4589514 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3967

gggtctgatg	ggcgagaagt	tggtctgcgt	gaatgagcaa	acaaatctgt	gaccacccgt	60
cggtcatgga	gtgggagaat	tcagtctcag	ggtgaaatga	tgtgccaagg	tcccaagggt	120
gggagaacgt	ggcacttggg	tgtgagccct	ggctgtccac	agagttcgtg	tcttctgccc	180
taaccttctg	ccctcgaca	ggtcaggatt	ttactggaat	ggcgtggctg	tcttcccaaa	240
gcctccccc	gatggggtgt	accccaacat	gagtgagcct	gtcaccaccag	ccaacatcaa	300
cctctatgcc	gaggccctgg	tggtcaacgt	gaagcagagg	gccgcctggt	tccggacacc	360
gcacgtcctc	tggccctggg	gatgtgacaa	gcagttcttc	aatgcctcgg	tgcatgttgc	420
caacatggac	ccgctgctgg	accacatcaa	cagccatgct	gccgagctcg	gtgtctcggt	480
gcagtatgcc	acgctgggcg	actacttccg	tgccctgcac	gctctcaatg	tcacctggcg	540
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tgccggggag	tccatgttca	cacgctacct	gtggccggcc	ccccgtgggc	atctggaccc	720
cacctggggc	ctgcagcagc	tccagcagct	tcgctggggc	gtctccgagg	tccagcacca	780
tgatgccatc	actgggactg	agtcccccaa	ggtagagagac	atgtacgcaa	cgcacctggc	840

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ggtactggag	gaagagagaa	gaggcatgac	agctaacagg	gacgggcttt	ctttggaaga	6060
tgatgaaatt	gtggaatgat	ggttgacaaa	ctttgtgaat	atactagaaa	ccaatgaatt	6120
aaaaactttg	gaagatgaaa	aaaaaaa				6147

<210> 3968

<211> 698

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(310)

<223> similar to gi4240124 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 3968

tcaagggttc	ctcacaaatc	tatagtattc	ataaaatttg	aacattttct	cacccagggc	60
ccaggaaactg	gaattagaag	atcatcaaag	cagactggag	cagaaactga	gagagaaaat	120
gctcaaggag	gagagccaga	aagatgagaa	ggatctaaac	gaagagcaag	aagtattcac	180
cgagctgatg	caagtgattg	agcaaaagga	caaactcgtc	gattccttag	aggaacaacg	240
catcagagaa	aaagccgagg	accagcactt	tgaagcttc	gtattctcca	gaggctgtca	300

gctgagcagg	acttgaggag	gcccgtagtc	cctctccctg	gctgcacgtt	gggaccggat	360
caggccaagt	gcaccacaca	ccctcatggg	tctttctgca	ggatttatca	tccctggaac	420
ttaagttata	ccttactgca	ttttttaaaa	ttaaaattct	cttgacgca	tggcagcttc	480
ccaaggttct	tccagagatt	caaatagaaga	aaacccaaag	actctttggc	aattggcagt	540
caacttcagc	caggctctca	gactggagggt	gttggttgca	gatgaccagc	attgttttcc	600
ctagaaagtg	acacaaagac	ttgactttcc	tgctactttt	atcattttcc	ttcccaattc	660
attgagttac	atactttaag	atttttgaga	agctgcct			698

<210> 3969

<211> 1169

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (947)...(687)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3969		
tttttttttg	tcctgaaaaa aggcctttatt tgagtctgaa cgagaagtaa acatcaagca 60	
aaacagaaag	agaggcctgg gctgggtgac aggttgcatc ttcaagatgg gcctcataag 120	
agaggcgtga	cagtaactgg gggctggggc aggtgggaca ctgaggtcat caactgtctc 180	
tccacggcct	ccttgggttc agccctgtcc tctgtcatcc tggagctgaa catggagccc 240	
atcctggaat	gtctcagaga tggcatgctc gagattccgg aaatggaggc gtaggtgtag 300	
taggattctg	aggcaatgag gttgtttatc ttccaccgga tcatcgtgca gcccttcacc 360	
acgaggggcc	acaggaggca gaaggcgatg tagaagatca ccaggcccac aaacacgcta 420	
gctgacacca	tgatgatgaa aagggcccgc ttgggactga gtggcagccc gtggatgtgc 480	
agcaggaagg	tgagctggta gttgcagtag gtgctcgtgt ccactcctct attgttcacc 540	
aacaccttga	agaagaattc aggggcaaag atgccttggg gaacattgtc atagcatggg 600	
gcattctcca	gacagagcca ctaggtacaa agtcacatct ttcatttatt cccttcttta 660	
ttcattatcc	aataaatgca ggttaggcca ggcatagtgg ttcacaccta taataccagc 720	
actttgggag	gccgaggcag gtggatcact tgaggtcagg agttcaagac cagactgacc 780	
aatatgggtga	aaccccgctct ctactaaaaa caaaatacaa aaagtagccg ggcgtagtgg 840	
cacgtgcctg	taattccagc tactcaggag gccgaggcag gagaatcact tgaaccagc 900	
aggcagaggt	tgacgtgagc tgagattgca ccactgcact ccagcctggg tgagagagtg 960	
agactccatc	tcaaaaacaa aatataagaa aacagaagaa aacagtttct ggcaaacagt 1020	
caatataaaa	tgagaggaag gaggaggaaa tcttatttcc tctcatactg caaactcact 1080	
cagaattttt	tagaatccca ataaataagc aaagtctatt tcaacttaaa caggtccttc 1140	
aaactgtgat	gtgcctcaag gctcgtgcc	1169

<210> 3970

<211> 421

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(147)
 <223> similar to gi747652 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3970
 ggccgtgatg aagatgccgg aggacgagtc gaccccgga aagaggactg agaaaatctt 60
 ccgccaaatg gacacaaaca acgacggtat aataatggcc cccagttgct gggagaagtg 120
 aggattaacc gagtaagtga ggggaaggct gaagtggctc agctcaaagt ccacctctgt 180
 ggacctcctc gccctgagct cactgccttc cctgccttcc tcacaacagt attagaggaa 240
 ctccaaggac cctgcacaca tccgcccctc ccagccctgt cccaccaaca gagcctctct 300
 ttcttgctgg gacctatgac tcccattctc ccaagccttg aggccagcag gctgtctgag 360
 ctttattttg caagggagga acaggcctag agagagaaat aagtcctca gccaggagaa 420
 g 421

<210> 3971
 <211> 662
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(489)
 <223> similar to gi4586838 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3971
 cccagggcca atttcatgct aaaggaagat gacgatgtct ttgtccacgt cccaaacgtg 60
 taggagttct gggatggctg ggacccagcc caggacctct tggaggaggaga tgtcatccgc 120
 caagccctgc ccaacaggaa cactaaggct aaatacttca tcccaccctc aatgtacagg 180
 gccaccact acccacccta tgctggtggg ggaggatatg tcatgtccag agccacagtg 240
 cggcgccctc aggctatcat ggaagatgct gaactcttcc ccattgatga tgtctttgtg 300
 ggtatgtgcc tgaggaggct ggggctgagc cctatgcacc atgctggctt caagacattt 360
 ggaatccggc ggcccctgga ccccttagac ccctgcctgt atagggggct cctgctggtt 420
 caccgcctca gcccctcga gatgtggacc atgtgggcac tggtagacaga tgaggggctc 480
 aagtgtgcag ctggccccat accccagcgc tgaagggtgg gttgggcaac agcctgagag 540
 tggactcagt gttgattctc tatcgtgatg cgaaattgat gcctgctgct ctacagaaaa 600
 tgccaacttg gttttttaac tcctctcacc ctgttagctc tgattaagaa cactgcaacc 660
 ca 662

<210> 3972
 <211> 1130

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(908)
<223> similar to gi406738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3972

gggcgtgcat	gggttctcag	gttgetcctc	tgccctctcc	tcccacaatg	tggggactgc	60
aacaccctgt	gtggcacaga	aggtggggcc	cacccccacc	aggggataga	tccaggatta	120
cgtccccaga	gccagtcagg	cccttcagca	tgggctgccc	tcctagagca	ttcctttgat	180
cctttctggg	gctggaagaa	gtaggggttg	ggcactggct	attcaatagg	gacctctgag	240
gacctctagg	gtccttagag	tccatgattg	atatgttccc	cacagcccag	tttgaaggac	300
cggagaagag	ctgcctgtca	cctggccggg	aggagaaggg	gcggctacct	ccccgactct	360
ctgcagggaa	ccccaaagtca	gccaaacccc	taagcatgga	gcccagcagc	cccctggggg	420
agtggacaga	tccagcactg	cctctggaaa	accagggtgtg	agtgtctgtg	tccagctggg	480
gactccctcc	ccactcctcc	cctcctggca	ctggcttccc	tacaggggac	accacaatg	540
ggtgggcctg	gacagcgagg	gacccagcag	agatgcccc	cttcctctct	ctcatcetta	600
gctggtatca	cggggccatc	agccgaaccg	acgccgagaa	cctgctccgg	ctgtgcaaag	660
aggccagcta	cctggtgcgc	aacagtgaga	ccagcaagaa	tgacttctcc	ctctccctca	720
agagcagcca	gggattcatg	cacatgaagc	tgtcccgaac	caaggaacac	aaatatgtgc	780
tgggccagaa	cagcccgcgc	ttcagcagcg	tccttgaaat	tgtgcaccac	tatgccagcc	840
gcaagctacc	cattaaggga	gccgaacaca	tgtccctgct	ctaccctgtg	gccatccgga	900
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ctggctgagg	gctgtggctc	ttgccaggga	cgtgatcttt	caaacctttc	ttctcctggg	1020
atccagtaga	agctggagat	tccttaattt	attctaaagg	gaaagggctc	ctggggcctt	1080
ggagtaaggg	gttgtctgga	gctgcggaaa	gaggaatccc	tggagagaag		1130

<210> 3973
<211> 1627
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(654)
<223> similar to gi861381 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3973

ccgcagtctg	gcctggcacg	ttctcatggg	gaaccagggtg	atctggaaaa	gcagagacgt	60
ggacctcgtc	cagtcagctt	ttgaagtact	tgggaccatg	cttcccgtgg	gctgcgtccg	120
catcatccca	tacagcagcc	agtacgagga	ggcctatcgg	tgcaacttcc	tggggctcag	180
cccgcacgtg	cagatccccc	cccacgtgct	ctcctcagag	tttgctgtca	tcgtggaggt	240
ccacgcagcc	gcacgttcca	ccctccaccc	tgtgggggtg	gaggatgacc	agtctctcag	300

caagtacgag	tttgtggtga	ccagtgggag	ccctgtagct	gcagaccgag	tgggccccac	360
catcctgaat	aagattgaag	cggctctgac	caaccagaac	ctgtttgtgg	atgtggtgga	420
ccagtgcctc	gtctgcctca	aggaggagtg	gatgaacaaa	gtgaagggtc	tttttaagtt	480
caccaagggtg	gacagtcgac	cctaagagga	cacacagaag	ctgctgagca	tcctgggtgc	540
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cgtcacacac	acctgcctaa	agacagggat	ggctgtccac	aggatcctcc	agccccgtga	720
gagggactgt	cccttgagtt	tctcaactgc	tgggaaggagc	tgcgtcccag	caaggaaggg	780
aaaccatcat	ggctgggctc	ggccctgtca	ggtttggggc	ctgtgtgctt	cccagactct	840
ccctccagcc	gttggaatcg	ctgaagatgg	caatgaaagg	cggaggggatg	atgggctctc	900
tctgtgttca	aactccttgg	agagacgact	aggaggacag	cttgccctccc	aggcccccttg	960
tggacttaga	ctcaaaaacc	gcaggagaaa	cagggtccgac	tcagtatgca	gtcgcaataa	1020
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tgggccttat	gtttgagggg	accttttgct	gcagttgtga	atattcagta	cattgccagc	1140
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ggggtgttcc	cctgcagggtg	ctggtgaagg	taacctgggg	cttaatgatg	gagtcacctga	1320
tcatttttgc	acaagacagg	ttgctgaggg	gtcggcaagc	atctgacttg	cccaatcccc	1380
tggatatggt	gagccccgcc	atgcttttat	tctgtatcgc	ttttgtcttt	attgctgctt	1440
tcaacattta	cgttttggtta	cagtttaacta	ttttcggagt	gtggtgattg	aagacaattt	1500
catcatccca	ctgtactttt	ttttttgaga	ctctgtctca	aataaagaaa	aaaaaaaaaga	1560
taaaaataat	ttttaaaaag	taaagatagg	cctgggcaac	agagtgagac	tctgtctcaa	1620
ataaaga						1627

<210> 3974

<211> 1579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (691)...(872)

<223> similar to gi29653 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3974

agtcacctcc	agacccccaga	agctctcccc	aaccagccg	agttcctctg	caaacaattc	60
aaggggctct	gataggtcac	acagtgccac	cttgtgtgct	ggaccatata	tggagggaga	120
actgagttag	ggggcacagg	ggattgtctc	cagggtggggc	gagcagggga	aggaaaatag	180
tggccacttt	tacattggtt	tgggtagtaa	ttattgattc	aggaagcaaa	tacaaaatcc	240
tgaatgaaat	gacttggaat	aagtaaatag	aatcaagatc	ccaagaggag	ctgaagataa	300
ataaatggga	gcaggatgtg	ggggaatggt	cggtaagtga	gaaatgctaa	aatgatagaa	360
taaagcttaa	ggattgttgg	aggtagagca	ggaactgtgt	actgcatagt	tcccaaattgc	420
cctggtgttc	caatggggga	tggaaactaa	aacactggcc	aggttggtat	tcatactgta	480
gtcctgccat	ttttcttcct	agagcagaga	taaaagttag	ccctgggcga	tagctcattc	540
tctctgaaag	gctgctagtt	aggcccagcc	tgtcaccctg	gatcatgagt	gtcgtgtgta	600
ttgggactta	cggcaggggg	ctgaggcttg	cagatgggca	agtggtgaga	ggccccactg	660
acctcagtct	gtttctcact	ggagcgcagg	tttgggagca	gcagcaacac	cacatccttc	720
ggcacgctcg	cgagtcagaa	tgccccact	ttcggatcac	tgtcccaaca	gacttctggt	780
tttgggaccc	agagttagcg	attctctggt	tttggatcag	gcacaggagg	gttcagcttt	840

gggtcaaata	actcgtaagt	atcccccttt	ttgagtctca	ccttaattaa	aagcattaaa	900
taagggttga	agtgtgtgga	tcttgctgga	tttgtgcatt	ttcttttcgt	tttttcctgt	960
tttttagagt	tgtcctggaa	gtgtgggggt	tcagcagcag	ggtttgggtt	ttgtggactt	1020
gctcttctct	gtagcaatat	ggcaggaggt	gccaggcctc	gccttcttaa	gaggcggtgt	1080
tcaaagagaa	aagagcacgc	ctgccagtga	gctgggcctg	agggcagcgc	tgaggagatg	1140
ctgctcctga	cttccttgga	ggtttctcag	aagctgcatg	ctaaccctcg	ggctctgggc	1200
catcaccagg	tctcatgtgt	tgatccaccc	tctgtgcttc	tgtgtaaaaat	ttcatggcgt	1260
taaaattcag	tcttagccag	gtgggtgggt	cacgcctata	atcccagcac	tttgggaggc	1320
tgagggtgga	ggattgcttg	agcccaggag	tcaagaccag	cctgggcaac	agagtgagac	1380
cccattctcta	ctaaaaatta	aaaaaattag	ccgtgcatgc	tggcttatgc	ctgtggtccc	1440
agctactcca	gaagctgagg	cgggaggatc	acttgagcct	gggaggttga	ggctgcagtg	1500
agccaagatg	gtaccactac	cgtctagcct	gggtgacagc	cagaccctat	atcaaaaaaa	1560
aaaaaagggg	gggcccttt					1579

<210> 3975

<211> 467

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (370)...(254)

<223> similar to gi311097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3975

cgaggatggg	acaggcgaat	aattagagtt	gtgtgatgta	taggaaaagt	agcacgatgc	60
aatgtagggt	gttcaaatat	atgacaggac	gtttaaatta	aaaatttttt	tcccccgcc	120
atattttatg	tggtagcccg	gtttttttcc	ccccccctg	tttttaatac	ccccccggca	180
caaatttttt	tttttcacc	aaaaaaaaaa	attattcccc	ccccggcggg	gggtaaaaga	240
gttttttttt	ttagggggcc	ccccccccct	tttttttttt	tttttttttt	tttttttttt	300
tttttttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	360
ttttttggaa	aacgtagact	tttaataact	gcttttatca	ccagggttaag	ccatgcagtt	420
acaaagtagt	tagaaatttc	tgaagggtgt	tagagttaaa	aaaaaaa		467

<210> 3976

<211> 1599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1103)...(833)

<223> similar to gi5902972 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3976

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gcgggtggaat tcgtcattct taaggactgt tctgtcccca accccagctg gaacaaggac      60
ctaagactgc tctttgacca gtttatgaag aaatgtgaag atggctcctg gaaacgtttg      120
ccttcatata aacgtacacc tactgaatgg attcaagact tcaaaaccca ttttcttgac      180
ccaaagctta tgaaagaaga acaaagtca caggcccagc tcttcaccag aagctttgat      240
gatggcctgg gctttgaata cgtgatgttc tacaatgaca ttgagaaaag gatggtttgc      300
ttatttcaag gaggccctta cctggaagga ccacctggat tcattcatgg aggtgccatt      360
gcaacatga ttgatgctac tgttggtatg tgtgcaatga tggctggggg aatcgatcatg      420
actgccaatc tcaacatcaa ttataaaaga cctatccctc tttgttctgt tgttatgata      480
aatagccaac ttgataaagt tgaaggaagg aaatTTTTTg tttcctgtaa tgttcagagt      540
gttgatgaga agaccctata ctgagaggcg acaagcttat ttataaagct gaatcctgct      600
aaaagtctga cataaagagc tgctggtgaa ctccatctca ttctcgcccc tccagaagaa      660
gcagttgtcc cccaaatact ctgctccctc actgctgaat ccctgtaggg agaagcctgc      720
caacagtga cttccgaaac agccttctga atacaaagag gattcagttt ccatcttctc      780
aactttttta cacagaaaca cttcctgcga gcatatcgac aactctcggg ccaggcgctg      840
tggctcacac ctataatccc agcactttag gaggccgagg caggcggtt gcctgagctc      900
aggagttcaa gatcagctcg ggcaacacga tgaaactccg tctctactaa aatacaaaaa      960
attatccagg catggtggcg tacgctgtga gtcccagcta ctcaggaggc tgaggcagga     1020
gaattgcttg aaccaggag gaagagggtg cagtgaagcca agatcatgcc acatcactcc     1080
aacctgggca acagaacaag aaccatctc aaacaaacaa acaaacaaaa aaaaaaaac     1140
tcttgtctcc ttaggatatg ttacctgctc cactgcagac tagagaaata aatgtgtatt     1200
gaacctttta ctgcaaactt gaaaatgcta gaaaaccaag catgaagaat aaatacatgg     1260
cgggaaacac acaggcatgt gcatatgcat atacattgta agttagtaag ttagaaagct     1320
agctttgttg tatctgaaca catgaatctt ttttggtcag tgtaggaagc acagccagat     1380
cctataggaa tgaatacctc aaatctgttg tctgagattc tagagattaa accactgtgc     1440
catttttaac ccaggctgta ctattgtttc ttaccaacag cataggtttt catcactgga     1500
aggagcctgt gttcatttcc tagggctgct gtagcaaagt agtacaaact ggattgttta     1560
aaccaacaaa aactcattgt ctctcagttc tggaggcca                                1599
```

<210> 3977

<211> 1423

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1408)...(212)

<223> similar to gil669689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3977

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atgaaagatt tttatttcaa attgcttttc cttttattat tgtagggctt aaaagacaac      60
cttcttgctt ctgggacatc cagcctgaca gccaccaaac agttgcatcg tccaagaatc     120
acgagaatct gcctcaggga cttgatattt tgtatggaac aggaacggga gatgaagtat     180
tctcgagctc tatacctggc ctttctgaag tgaccactcc actcttccat ccagatcctt     240
gctatttact gccaaagaag acacaaagca ttgttgcaat gtccctgaaat ttcaatttct     300
ggaaaaataat caccaacatg aaagagcatt gtttacagtt agaaacttta ttaactctta     360
```

cctatccatc	tcattgggact	cttacagact	cagattcattc	tttgtcttct	gaaaatcagt	420
tatgaaatc	actttgcaca	gaattaggca	tctgcctatc	tgtgcattaa	attaaagcaa	480
gttaaggccc	tatttggtac	tacctgcctc	atttgccaaa	ttgtagcagg	tgaggtgtcc	540
ttccctaata	cagcatgcat	tgagatgcag	gagaaaggaa	gaggcataag	aaaatacaag	600
aatgactatt	tcattctata	ttgaacctgt	cccaaagtgg	taggttttct	gggctggaat	660
cagaagttgc	ttagctaact	atgacagtca	ccctctgtac	gtgacaggcc	actgtggtga	720
ctttggctcg	ctgagttcca	gtgttggtcaa	aacaagacaa	atggggatag	attgtgcctg	780
gggttgctaa	ttctctgctt	catatcacca	tatgccgttt	ctggtaccaa	gtgaggggac	840
atgcttgta	gggaaacctt	aaaattgaat	ctactgatat	atcttggtga	aaaaatggaa	900
aaggtgcaaa	gtattagaag	gaacgttagg	gcgttgcttt	caaactgatg	aggggaatgt	960
gaaaatggta	tcataaaaca	ggaaatgtgc	ttcatatgcc	caagagggga	agaggtggaa	1020
tcggaactcc	aaaacaactg	gtacatgttt	tgttgatggg	caaaaaaat	cacagcacia	1080
ccagaaagga	gaatgtacca	gatgttttca	aattagagta	tttcaaaagg	aaaatgttat	1140
tttttgtttt	gtattgtttt	aaatcccaag	gatagttttt	atatttcctt	ctgtcataat	1200
atattttagt	tatcctaatt	tttaagcatg	ttggcacatt	taaaaaatcc	taattgatga	1260
tgagaaattt	ttaacaatag	gactttatgt	tggattctgt	acttaaaagg	tactgtcaat	1320
atctcactct	tggggatatg	agctctaaat	atgagaagca	agttatatgt	gttcacctga	1380
ggaagaagct	gacggacaaa	gcaaaccctc	tttaaaaaaa	aaa		1423

<210> 3978

<211> 2081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2078)...(1302)

<223> similar to gill196425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3978

tttctttag	ctcactcgag	cctccaccta	ccaggttcaa	gccattctca	tgtctcattc	60
ttttaagtgg	ctgggattac	aggtgcacgc	cacagtgcgc	agctaatttt	tatatatttta	120
gtagagacag	ggtttcacca	tgttggccag	gctgttctca	aactcctggc	ctcaagtgat	180
ccgcccacct	cggcctccca	aagtgcctgg	attacagggtg	ttagccacca	tgccctggctg	240
ctaattttta	attttttgta	gagacagggg	ctccctgtgt	tgcccagact	gttctcaaac	300
tcctgggctc	aagcaatcct	cccacctcag	cctcccaaaag	tgctggaatt	acagtcatga	360
gccatcatgc	ccagccagga	tatggacttc	ttgactagta	ggaagaaagt	gggctggaca	420
cactggctca	cacttgtgat	cccagcactt	tgggagaccg	aggtgggagg	agatcttgag	480
gcccagagtt	tgagaccggc	ttgtgcaaca	tagtgatgta	gcaggacgag	ccacagacaa	540
aacctctcag	acactgagtt	gtagaaggaa	gggctttatt	cagctgggag	catcggcaaa	600
ctactgcctt	aaaatccgag	ctcccaaat	gcacaatttc	tgccctttt	aagggtcac	660
aactactaaag	atttcacatg	aaagggtcgt	gattgatttg	agcaagcagg	cggtagatga	720
caggggctgc	atgcaccagt	ggtcagagag	aaacagaaca	gggcagggag	tttcacaatg	780
ttcttctata	caatgtctgg	aatctatgaa	taacatcagt	ttctaagtta	tgagttgatt	840
tttaactact	gggttttaggc	cagacaggcc	caggcctgct	ttcaggcctg	gtgccgggct	900
gcctgtcttt	ggttttactt	ccttgctcact	ttttcttaaa	agaggtactg	agtataaaac	960
aatataaaac	aatataaaac	aatatgagag	ggtctctctc	tcttccctca	tttccccct	1020
ttgagactct	cagtttttat	tagtgggagt	tctcactctt	atttttgcta	cttatgtatt	1080
ttcgtgcaat	agattgatag	tgatttatat	agtatgcttg	tgctgaagca	ttttggtgaa	1140

ctaagggttaa	gcgacgaagt	tttttatcat	ttggagaaat	acagggtatca	gacaagggag	1200
cagtaagcag	gttcctatta	ctattattac	tcttattata	agagttttta	atccacctat	1260
tgctgggaac	caattttccaa	acatggctcc	cagattgagt	ccgtgccaca	cttgcacagg	1320
tgcatgtgcc	agttttgtta	tatctttaac	tatatcctca	actacttgcc	cctgatcatc	1380
tatgtgtaga	caataattag	taagggtcaaa	tttttcacaa	actcctcctt	cagctgctag	1440
caagtaatca	agagctagtc	tattttgata	gatagcattt	ctcatcagag	tctcttgcca	1500
ggcaagaaca	gtcaaggctt	gagtggtttt	attagtaata	atcttctaaa	ctgcttgtaa	1560
ccatatgatt	cggttgagca	tgtagatggg	ggttccatat	ccccatgaga	catcttgtag	1620
ccaagtggca	ggtccatagt	attgtaagat	tttttcaggg	ggccattcat	cgtctttcca	1680
atcacctatg	gctatgcttc	atttttcaca	ggaagcacag	actgggaagc	ccagaagttt	1740
acctgttttt	atgggcacta	agaagaaaga	tggcttaatg	gtgccaatta	cacagctacc	1800
tgtccactga	tcaggcagct	tagcataagc	tctgtgtcca	cataccagct	ataaccagct	1860
gggggccgctc	cagtcccagt	gcaattctgg	gtgggcccac	acagtctgca	actttggaaa	1920
tttactgaat	ggattttttt	ctgtgtaatt	ggaactccac	catgtaactg	tttttgtggt	1980
accattatac	agcttttgcc	caagacaact	aagctgcctt	acaggatgag	taaatccttt	2040
tccttctcta	gctatgcaat	actgtccaat	aataagactt	t		2081

<210> 3979

<211> 1262

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1265)...(711)

<223> similar to gi4972682 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3979

tttttcagaa	cacaaatttg	gcattatttt	atcaatatat	caagcaatat	aactgctaga	60
tacaatgttc	acagcagcat	tgtttcaaca	gcaaaaacaa	ataaacaaaa	ctcaaagtgc	120
catcaagaat	gaataagttg	tagtatattt	atataatact	atataagcaat	aaaaatgaaa	180
gaaagtcaca	gaagtaaaca	ttttgccatt	tatataaaat	tcagaaacat	acaaaattaa	240
cattttcactt	acagatacat	acgtatgttg	taaaactata	atagacaaat	gacaaacaca	300
aaattccaaa	taattatttg	agagggagag	ggccttaggg	aacttctaaa	atgtcgacaa	360
catctgtatc	ttaagctggc	tgatgagtag	acagatattt	acatttatta	tccctttata	420
tatacgttta	tgtatttttg	tagtatgaaa	tacttcatta	aaaaaagagt	gaaaatgtaa	480
gacttcaaaa	atgaagacta	ccattttatgt	ataacaataa	aattagtgtg	aaaaagtata	540
caaagaaaat	gttcaattct	ttatctttcc	gtgctctata	taatcagtag	taatctaaag	600
accataatcc	tagtatgaaa	aaaataacaa	gctttgacac	aaaatctaag	catctgcttt	660
cctggcactc	ttaagttaga	caagagtaaa	tatgttagcc	tctcaattct	gcctcttcat	720
ctttcatcta	tacttagatt	tttctttatc	tttggacttc	tttggacttc	tgcttcggtc	780
tctcttttta	ctcctttctc	tttcataaag	atctgttttg	tattttgatt	tatgactatt	840
actataatgg	ccatccctct	ctcgagatcg	gctacgactt	cggttctgag	ttcgggtctc	900
cttttcactc	ttttgtttct	ccaacagct	ttcttcttct	tcatagtgac	caaaccat	960
ttctctatag	atatcctgat	tagtattttt	gattggcatg	tagtcctcat	cttctttctc	1020
ttcagaacag	tgatgggttt	tcttcttggt	ttttttactt	gtgtgtgagt	gacttgattt	1080
tgagtcttcg	gcctgctcat	ctaataataag	atcgtatttt	gtatcctggt	tgggctttac	1140
tttatctttc	agaaccaa	taggtgggtt	atcctgttct	ttttcatact	ccttgaaatc	1200
actcttggtg	tattttccac	cttttccttt	ccatttaacc	tttgcaaccg	actggctaaa	1260

<210> 3980
 <211> 1248
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(803)
 <223> similar to gi2429164 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3980

cccacgcgtc	cggcatcctg	ttactgcatt	ttagaaaatg	atggagtcaa	gttttgtcgg	60
ccccagtc	ttccctgagg	tcccttctcc	tgacagagga	agccagtctg	tcaaacacca	120
caggagtcta	tcctcttgct	gcagcccagg	gcaaagaagt	ggcatgctcc	ataggaatgc	180
cttcagaagg	acacccccgt	caccccgaa	taggctaggt	ggaattgtgg	gaccagcata	240
tcagcaactc	gaagaatcaa	ggatcccaga	ccaggatacg	ataccttgcc	aaggggtattc	300
atccagtggg	ttaaaaaccc	aacgaaatac	atcaataaat	atgcaactgc	cttcaagaga	360
gacaaacccc	tattttaata	gcttgagca	aaaggacctg	gtgggctatt	catccacaag	420
ggccagttct	gtgcccatca	tcccttcagt	gggttttagag	gaaacctgcc	tgcaaatgcc	480
agggatttct	gaagtcaaaa	gcatcaaagt	gtgcaaaaac	tcctattcat	ctgacgttgt	540
caatgtgagt	attccagtca	gcgattgtct	tatagcagaa	caacaagaag	tgaaaatatt	600
gctagaaaact	gtccaggagc	agatccgaat	tctgactgat	gccagacggg	cagaagacta	660
cgaactggcc	agcgtagaaa	ccgaggacag	tgcaagcgaa	aacacagcct	ttctccccct	720
gagtcccaca	gccaaatcag	aacgagaggc	gcaatttgtc	ttaagaaatg	aaatacaaaag	780
agactctgca	ttgaccaagt	gacttgagat	gtaggaatct	gtgcattcta	tgctttgctc	840
aacaggaaag	agaggaaatc	aaatacaaat	tatttatatg	cattaattta	agagcatcta	900
cttagaagaa	accaaatagt	ctatcgccct	catatcatag	tgttttttta	caaaatattt	960
ttttaaggga	aagaaatggt	tcaggaggga	taaagcttac	cattaaagct	tttgggtaga	1020
attctgaatc	caatttcggt	tagtcccac	actgtcctct	ttggctctta	gaagatgtgg	1080
gcaattcaga	cccttgccc	cacagtgcc	gtgtctcatt	aaaaaacact	ggcagttacc	1140
tggtttcaaa	aagaggagag	ctgcatccc	caggtggatc	accagtgagc	aggtgctctt	1200
ccatttggtt	ccagtccaag	cctaatttta	ttaccaatgc	tatacagg		1248

<210> 3981
 <211> 1330
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (67)...(14)
 <223> similar to gi3876901 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3981

cccctcgtag	aacactaggc	catgtggtgg	aattcgctgg	acggcataag	gaacatcgtc	60
ttgagcaatc	ccaagaagag	gaacacgttg	tcacttgcaa	tgctgaaatc	tctccaaagt	120
gacattcttc	atgacgctga	cagcaacgat	ctgaaagtca	ttatcatctc	ggctgagggg	180
cctgtgtttt	cttctgggca	tgacttaaag	gagctgacag	aggagcaagg	ccgtgattac	240
catgccgaag	tatttcagac	ctgttccaag	gtcatgatgc	acatccggaa	ccaccccgtc	300
cccgtcattg	ccatggtcaa	tggcctggcc	acggctgccg	gctgtcaact	ggttgccagc	360
tgcgacattg	ccgtggcgag	cgacaagtcc	tcttttgcca	ctcctggggg	gaacgtcggg	420
ctcttctgtt	ctacccctgg	ggttgccctg	gcaagagcag	tgccatagaaa	ggtggccttg	480
gagatgctct	ttactggtga	gcccatttct	gcccaggagg	ccctgctcca	cgggctgctt	540
aacaaggtgg	tgccagaggg	ggagctgcag	gaggagacca	tgcggtatcg	taggaagatc	600
gcatcgctga	gccgtccggg	ggtgtccctg	ggcaaagcca	ccttctacaa	gcagctgccc	660
caggacctgg	ggacggctta	ctacctcacc	tcccaggcca	tggtggacaa	cctggccctg	720
cgggacgggc	aggagggcat	cacggccttc	ctccagaaga	gaaaacctgt	ctggtcacac	780
gagccagtgt	gagtggaggc	agaggagtga	ggcccacggg	cagcgcccag	gagcccacct	840
tcccctctgg	cccagccacc	actgcctctc	agcttcaaca	ggtgacaggc	tgctttctgt	900
acttgatatt	ggtgtcatag	catttggcct	acattaaaag	ccacaatttc	atggggaaag	960
gacaaaatgg	agagtgactg	aggtgctgac	ctcagtgcaa	ggctggtgaa	ccctgcagcg	1020
ggccagctat	ggtgggaagc	ctggcatttg	gggtgctcct	tgcaacgtct	taagcaagcg	1080
acccccctga	catagcaaaa	ggtggcaacc	catggaggca	gaaagaagga	cgccagcctg	1140
acccttatct	gaaacgtcct	aagcagagtt	aatcctggct	gctcaggaga	ggcgacacat	1200
ttcaaatctc	cacgagatat	tctccacaca	gaaaatcttc	ttgattctat	agagacttaa	1260
tcatgcctat	ggctttgaat	aatcttatgt	gatttaaata	aattaaatct	ttatagagcc	1320
aaaaaaaaaa						1330

<210> 3982

<211> 1435

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (142)...(239)

<223> similar to gi5912258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3982

ataaattggg	gaacccccgg	gtttttcccc	tcccccggtt	tttaaaccct	ggccccggaa	60
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gaccttttaa	aacggccccc	cctttttttt	ttttttaata	aaattataga	tatatagatg	180
tagatataaa	aacataaaac	agacacaacg	caagcagacg	ctgtcatgtg	cttactctca	240
ggtccctgac	accaagggaa	gcactgacct	ctccccagtg	tgctttccca	cggcgcgagc	300
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cagggagggc	ctgagggctg	gggagggggc	tctgggtgtc	accagccccc	tgtggcagca	420
tcacccccgt	gcctgctccc	gcctgcccc	ccgtcgcttc	ccacaagagc	ataaagcaaa	480
ggttaaggct	ttgatgaaag	ggacagcggc	ggccggagca	ctgacacatc	agacacggcg	540

cggcagcaca	gcacacagac	acgggacaca	tggagccggg	cccccgcca	cagctggctg	600
gctggccgtc	tgtccaccta	tccaccacca	cccagagcag	gccagggcag	aagcatcagc	660
cttgccaagc	tacaagcttc	cagcggggtc	cgtgaaaggc	aacgcgttag	ttaggagtag	720
cctggcgggg	gacactcggg	ccgggagccc	acaggctgtg	tcagaaggac	ggcgggggccc	780
ctgggtgcct	ctgtccatct	ctgggacctg	tccgtaaggg	gaccattggg	ggctggcctg	840
gcggtgatct	ggggtgctgg	gtgatggcag	tgggccaagc	ctggctgaga	gaggggtgccc	900
caaagaggct	gactgggccc	cctcactgcc	ccagccatgg	gacaggccca	gacacagacc	960
agcccagtgg	cccttgcccc	agtgagccga	cttccccatg	ggcagatgag	tggacgggca	1020
ggcagagcgc	ttggggcaag	ctgtggaggc	gtggcactct	ctcccgcga	tgggtccaca	1080
ccaggctggg	gtggcctcgg	gtccctgggg	cagagaagtt	ggcggggagg	gggggtgcgc	1140
tgtggggctc	tgggtcccg	ggcaccatgg	cggatgtgtg	gcagtcagtc	ctcacaccga	1200
gatctcgtag	gtggtcccac	ccacgccgga	caccttctta	accagcgtgt	gccgtgtagg	1260
gctggcagag	ggccctgggg	ggccgggtgg	aggtcccatc	cgggccaggc	ccggggactg	1320
cccattaagc	ttacttgggg	gagtccttcag	ctgaggggtg	tcctgcac	aaaacaagca	1380
catacacaca	tgcacacggt	gaacacacga	acacggggac	agaggacgga	ggagt	1435

<210> 3983

<211> 413

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (69)...(341)

<223> similar to gi587560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3983

tcgaggagcc	ccagggtagt	cccatctggg	tatggctggc	tgggtcacta	acttctgtga	60
gctgcttct	tcctttccag	aggatgcgga	tcaaacctca	ccaaggccag	tacataggag	120
agatgagctt	cctacagcac	cacaaaggtg	aatgccgacc	acagaaagat	tgagcacgac	180
aagaaaatcc	ctgcgggcct	tgtcagagc	ggagaaagca	tttgcttga	caagatccga	240
agacgtgtaa	atgttctgc	aaaaacacag	actcgcgttg	caaggcgagg	ccgcttgagt	300
taaacgaacg	tacttgacga	tgtgacaagc	cgaggcggtg	agccgggcag	gaggaatgag	360
ccttcctcag	gggttcggga	accaccttct	ctcaccagga	aagactgata	cag	413

<210> 3984

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(171)

<223> similar to gi4929725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3984
cccacgcgtc cgaccagggtt agcgaccccc atagtacagt ggctgtggct ttcacaccaa      60
ccattccgca ctgcagcatg gccaccctta ttggtctgtc catcaaggtc aagcttctgc      120
gctcccttcc tcagcgtttc aaggtcagtt ggagctgagc cccgggagtg agaccaggca      180
ttgagggtct actgctgagg atggggactg ggagagcatg aacatggata ggacatcaga      240
gtggggcctg gaaggatccc cattatcaga taggaaactg ggaggaagct ttccaagtcg      300
atgtgacaag aataaagatc tgagctggaa agtggagaaa agtattgaag agtgtggcag      360
gaagggcagt agggagcggc atatgggttt                                     390

```

<210> 3985

<211> 1743

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(878)

<223> similar to gill173848 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 3985
taccgggtcg acgatttcgt tcggaatcct gggaccttcg ggacttttgg gtccgtaggg      60
tgacaaaggc agccgtgggg actggggatt gcaagggtccg aggggtcctc ccggccccag      120
agggcgcccc ggcccccccg gtctctccagg ggtcctatc caattgcaac aagatgatct      180
tggggcagct ttccagacgt ggatggacac cagtggagca ctcaggccag agagttacag      240
ctatccagac cggctggtgc tggaccaggg aggagagatc tttaaaacct tacactacct      300
cagcaacctc atccagagca ttaagacgcc cctgggcacc aaagagaacc ccgccccggg      360
ctgcagggac ctcatggact gtgagcagaa gatggtggat ggtacctact ggggtggatcc      420
aaaccttggc tgctcctctg acaccatcga ggtctcctgc aacttcactc atggtggaca      480
gacgtgtctc aagcccatca cggcctcaa ggtcagttt gccatcagcc ggggtccagat      540
gaatttcctg cacctgctaa gctccgaggt gaccagcac atcaccatcc actgccttaa      600
catgaccgtg tggcaggagg gcaactggga gacccagcc aagcaggccg tacgcttccg      660
ggcctggaat ggacagattt ttgaagctgg ggtcagttc cggcccaggg tgtccatgga      720
tggctgcaag gtccaagatg gccgctggca tcagacactc ttcaccttcc ggacccaaga      780
cccccaacag ctgcccatac tcagtgtgga caacctccct cctgcctcat cagggaagca      840
gtaccgctcg gaagtgggac ctgcgtgctt cctctgacct ctgacctcgt ggccactcta      900
ggcctcatgg aggaggggag aggaagaggc aaggggaggg tactgagggg cagatggctc      960
caggagaggc agtccccctg cccaagggtc cttgggcaga ccccagctgt tgtctgcccc      1020
gtagaagtgg gtgggggtag gaggggatag ggtgtccttg ggaacaatgg atcccagctt      1080
agccccaaag accaaccaaa gagccagcca gagtaagctg gacctgcaac ctgcctgagc      1140
cccgtggcct ctgagctctg cggccacccc gttccctccc cagcttcctg cccaaagagc      1200
cccacattca agccaacttg aggggaagggg gcgtctcgtc agctggtccc tgctagggag      1260
ctattgatgt gcaatattag aaaggagaca tgaaaaaagg agaaaaggaa agacagaagt      1320
gtatatatat attattttaa caaacaaaaa gaagggtgcgt tactattttt ttttcacccg      1380
ggaaagaggt gagaggatgg gaaggagcag ccaggcgtgg gaagcggcga gatcctcggg      1440
ctgggggtgc ccacgtttgc tacctcccccc tgtgaaatcg ctggtgcctc acaattgtct      1500

```

ctcacagtgt	atgtgatttt	tttaaggaaa	aaaaaaaaat	ccctatttaa	gattctgaag	1560
gtgctacat	tattttgcca	cagactttga	agaaactttt	ggatgtgggg	catcatccgc	1620
atctttctct	ctcctccaaa	tgacaaagtt	tggggaattt	ttgaattttc	ctagcatcgc	1680
ccttgctgc	atcaggtaat	ctgctaagga	ggaaaaaaag	aaaagaaaaa	aggaaaaaaa	1740
aaa						1743

<210> 3986

<211> 1445

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1417)...(1154)

<223> similar to gil872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3986						
ggagcgcttg	gtggcagtc	gcgggcccgg	acggaaggct	gaggcgacgc	ctcgacgaca	60
gcggaccgga	gctgcagggg	caacacattc	agggcggggt	gccccattta	ggcctggctg	120
accggagtaa	gaaactacaa	ccccgaagt	gccttgccgc	tcaaggttac	ggaggcagtg	180
accaccacc	ctggagccat	gtccacgcc	ttctcattc	acaccttgag	ggccccgaat	240
actgaggaca	cgggcctttg	ccgagtgtg	tactcctgcg	tcttcggtgc	tgagaagtca	300
cctgatgacc	cacggccgca	tggtgccgag	agggacaggc	ttctccggaa	ggaacagatt	360
ttagctgtgg	ccaggcaggt	agagtcaatg	tgtcggctgc	agcagcaggc	atctggccgg	420
cccccatgg	acctgcagcc	gcaatcctca	gatgagcaag	tgccgctgca	cgaggcccca	480
cgtggggctt	tccgcctggc	agcagagaac	cctttccagg	agccacggac	ggtggtgtgg	540
ctgggcgtgc	tctcgttagg	ctttgccctg	gtgctggatg	cccatgagaa	cctgctactg	600
gctgagggca	cgctccggct	gctgacacgc	ctctccttg	accacctccg	gctgctggcg	660
cccagcacca	gccttctgct	gcgggctgac	cgatttgagg	gcatectcac	ccgcttctctg	720
ccacatggtc	agctgctttt	cctcaacgac	cagtttgtcc	aaggcctgga	gaaggaattc	780
agtgccgctt	ggccccgctg	attcctcggt	gggatggtgc	ttctgagggc	aggcagaggg	840
tagacacata	gccagatgaa	gcttggcatc	tccctcctac	ccagcagctc	tgatgtgctg	900
ctataccagg	acaagtgggt	gacacaagcc	tgcagaaaag	gggctgggca	gagggtggag	960
gaggtcctgc	ctgtcctcag	gttagtggaa	ccacagaact	tcctgagcct	agagctgctg	1020
tgttacttag	accgctgccg	tgccgagcc	acgcttgtcc	ttgaaccac	cttcttccat	1080
ccctgccagc	cgatagtgt	aggggtgagga	gctgcctgga	gctcaccgcc	ctcttcttcc	1140
aaaccacag	tcaaggccag	gcgcggtggc	tcacgcctgt	aatcccagca	ctttgcgggg	1200
ctgaggtggt	tggaccacct	caggtcggga	gttcaagacc	agcctggcca	acatagttaa	1260
accccatctc	tactaaaaat	acaaaaatta	gctgggtgta	tggcgccac	ctgtaatcct	1320
agctgctcag	ggggctgagt	catgggaatc	acttgaacct	gggaggcaga	gtttgcagtg	1380
agccgagagt	gcgccacttc	actccagcct	gggcaacaga	gtgagactcc	atctcaaaaa	1440
aaaaa						1445

<210> 3987

<211> 761

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (691)...(395)
 <223> similar to gi9451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3987

gggtcgacga	ttccgcccc	tttgggcttt	ttttttggcc	atccgcaaaa	tgagtgattg	60
gatgagaggg	cctttgcact	cccttgacac	tttatgtgat	taattgcctc	tttctgaacc	120
ccagacctca	ggtccccctt	accttgccct	taaaacagga	aggagtggga	ctggaggttg	180
tggaaggga	gggaaaacct	gagttggggt	tggggctcca	ggatcctctc	ccaggtcttt	240
tccttggtc	cataacattc	ggtcctctgg	ccccctcaac	gctctgtccc	ctgtttccct	300
ctgcccaggc	tctgggagcc	agatagagca	ctccctggtg	ttggtgctgg	caacaccacc	360
tgctgcagct	accaggcctt	ccttctcctg	ctccaggtgg	aatacctgct	gaaaaaggta	420
ctcagcagca	tgagcttggg	ggtgagcttg	ggtgagctgg	aggagcttct	ggcccaggag	480
gccaggtgg	cccagaccac	cggggggctc	agcgtctggc	agttcctgga	gctcttcaat	540
tcgggcccgt	gcctgcgggg	cgtgggccc	gacaccctca	gcattggccat	ccacgaggtc	600
taccaggagc	tcattccaaga	tgctctgaag	caggtcaggc	aagctgggaa	ctaggggaag	660
cacacaaggt	gcagggcgaa	ggggggcctg	ggaagcctct	gacgtaactc	cggctggcag	720
ggctacctgt	ggaagcgagg	gcacctgaga	aggaactggg	c		761

<210> 3988
 <211> 1333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(677)
 <223> similar to gi2088844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3988

tttcgtacca	tgggcagtga	gcagagctcc	gaggccgaga	gccgacccaa	cgatctgaac	60
tcctcagtga	ctccttcacc	agccaagcat	agagccaaga	tggatgatat	tgtgggtgta	120
gctcagggct	cccaggcctc	acggaacgtc	agcaacgatc	ccgatgtcat	caagttgcaa	180
gagattccaa	ccttccagcc	ccttttgaaa	gggctattga	gtggccagac	ttccccaaca	240
aatgccaaat	tggagaaact	ggactctcag	cagggtgttg	agctctgcct	ccgatatcaa	300
gatcacctgc	atcagtgtgc	agaggccgtt	gcttttgacc	agaatgcttt	ggttaaacga	360
atcaaagaga	tggatctgtc	tgtagaaact	ctgttcagct	tcatgcagga	gcgccagaaa	420
agatacgcca	agtatgccga	gcagatccag	aaagtgaacg	agatgtccgc	catcctccgc	480
cgcatacaga	tgggcatcga	ccagactgtg	cccctgctgg	acaggctcaa	cagcatgctg	540
cccgagggcg	agcggctgga	gcccttcagc	atgaagcccc	accgcgagct	caggctgtag	600
ctgccgcccc	gcctgcctgg	ggctgggagc	cccagacacc	gacaccctga	ggacgtgtgg	660

agctaaggctc	atatcatctg	accaggctctg	gaggctggcg	ggaggctccc	tgaaagtggg	720
tgcaaggag	tccggctggc	atgaaaatct	gactttgccc	agctcttttc	cttgatgcag	780
gttcccagtg	tggaaggaaac	ctaaccagtt	ctcgggtgata	actgaagctg	gaacgtgtga	840
attattagga	attctttgaa	gaactctgca	ttgagaatta	tttttattta	gttttttttt	900
tttttaattg	agagtataata	gtccagtgca	ggtaccggaa	taaaaatatg	gagacaaggg	960
gaaaatattt	tacgaagctc	tgtgttctca	acgcctcat	gaacttttca	gtaggctgtc	1020
tggtttatgt	gtggtcaact	tgaaaaacta	attgaaatcta	ggtctctgta	ttgttcctgt	1080
ttctaccctg	actgtttccg	tcacaccaag	cccttatctg	gggcgcgtct	tcctgcccag	1140
gtggaacact	ggcattttgt	tgactgtcag	gttaggtgtc	ccttagtcgt	catcagaagc	1200
tgaagccttc	ctttccacac	cctcatcaga	ttcatctcca	ctgataaccg	gtttccttga	1260
tgcagacata	gtttagcttt	ctttgactgc	agagatgtct	cattccacag	acatttcttg	1320
aaccatttg	atg					1333

<210> 3989

<211> 878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (136)...(816)

<223> similar to gi202676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3989

cggggtcacc	caagcccttg	tgcttgctcaa	gcgtcttctgt	tttcacaaca	tcgtagattc	60
tttctttgaa	gcctaggcgt	tgatgggagc	tgtctggagc	aggggtcccc	agcccccagg	120
ccgcagactg	atactagtcc	atgacctgtt	gggaactggg	ctacacagca	ggaggatctc	180
taccaccagt	cctatgaatg	cgtttggtgc	ctcttcgcct	cagtcccaga	cttcaaggag	240
ttctactctg	aatccaacat	caatcatgag	ggcctagagt	gtctgaggct	gctcaatgag	300
ataattgctg	attttgatga	gctgctctcc	aagcccaagt	tcagtggggg	ggagaagatc	360
aagaccatcg	gcagcaccta	catggcagcc	acaggcttaa	atgccacctc	tggacaggat	420
gcacaacagg	atgctgaacg	gagctgcagc	caccttggca	ctatggtgga	atttgccgtg	480
gccctggggg	ctaagctgga	cgcatcaac	aagcattcat	tcaacaactt	ccgcctgcga	540
gtgggggtga	accatggacc	cgtagtagct	ggagttattg	gggccagaa	gccgcaatat	600
gacatttggt	gcaacacagt	gaacgtggcc	agccgcatgg	agagtacagg	agtccttggc	660
aaaatccaag	tgactgagga	gacagcatgg	gccctacagt	ccctgggcta	cacctgtctac	720
agccgggggtg	tcataaaggt	gaaaggcaaa	gggcagctct	gcacctactt	cctgaacaca	780
gacttgacac	gaactggacc	tccttcagct	accctaggct	gagattgcac	tcgccttcta	840
agaacctcaa	taaagagact	ctgggggtgtc	tggagccc			878

<210> 3990

<211> 433

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (344)...(118)
 <223> similar to gi4262296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3990
 ctccagaaag ggaaaacagc acggtgaagg ggagcatcaa atctgtcttg ctacttctgc 60
 atgaaggaaa tgaagggtca tgaaaaactt gtccatgggc caggggtggaa ggaatgggtg 120
 gggaccagat tccatcaaga ggccccatgt aaatggaagt tgctgttgca ggctggtatt 180
 gggcttgcaa ggtcatctat aggtgaaatc attataatct agaagatata aacttaatga 240
 gagtggtaaa aaggcagggg ccaaataagta aaagaagaat gatgaggaat aaagggtccaa 300
 ggaatgggag aagccaagtg atttttggaa accaaccagt aaagggtttt gccaggtttt 360
 gattactttg agaaagtata tgctagctca ctttggctat cacttatttt tgcatttcat 420
 gtccaatata atc 433

<210> 3991
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(757)
 <223> similar to gi3012097 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3991
 ggcacgagtt ttcaaagact aagccaagtc caagactttg gatttcattg atgtgcttct 60
 gctgaacaag gatgaagatg ggaaggcatt gtcagatgag gatataagac cagaggctga 120
 caccttcatg tttggaggcc atgacaccac ggacagtggc ctctcctggg tctgttcaa 180
 ccttgcgagg caccagaat accacgagcg ctgccgacag gaggtgcatg agcttctgaa 240
 ggaccgcgat cctaaagaga ttgaatggga cgacctggcc cagctgccct tctgacccat 300
 gtgcgtgaag gagagcctga gggtacatcc cccagctccc ttcattctcc gatgctgcac 360
 ccaggacatt gttctcccag atggccgagt catccccaaa ggcattacct gcctcatcga 420
 tattataggg gtccatcaca acccaactgt gtggccggat cctgaggtgc tgcttcccc 480
 attcaccacc accacccccca tctctactt ttgtgtgtgt gtgtgtgaat tccaagggtc 540
 ctagtggagg gggcaggggt ttgatgagga aaatccaaca tcacctcacc ccaaaacaca 600
 cacaagtgtc tctccaaggc tgctggacat aggaaatccc actggcaaac cttttttgtc 660
 tcacctgcag gtctacgacc ccttccgctt tgacctcagag aacagcaagg ggaggtcacc 720
 tctggctttt attcctttct ccgaggggcc caggtgaagag cgccctgtgt ctgaggcagg 780
 gatgggatga tgggtgcggg agttaaaaa agggggacgt tgcagatggt cccagttcca 840
 gctctccttc cctccattcc ttcacagttt atgggaaaac gtccatagaa tggggatgag 900
 tagcgtccta gaggggtccg cggagtgtc aaaatcccct tctccatctg ctggtctgag 960
 ctgggagctg gagtcaggcc cagtctccgg gacatacaag cccacatggg agtcccaggc 1020
 acgcttagtc tttctctctc tctctc 1046

<210> 3992
 <211> 596
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (281)...(39)
 <223> similar to gi4902474 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3992							
tttaacacca	gactatcacc	actttaattc	tcctccctgg	ccctaactac	tgaatttttt		60
attaaagcca	taagctgcga	tggaacctaa	cctctgtgcc	ccttcaatgt	ggaacatgtg		120
gtcatcaaag	aagatgtggg	gccggtcctt	caccaagatg	ggacttttgg	gggctccagc		180
aaggaaaaga	gcttcgtcta	tctctagacc	ccagcgtcga	agggctctca	gcacacgggc		240
gcctgaactg	gctgcactcc	tagctgtaac	cagccatcat	ccatggaaag	tccagattag		300
cctcctggat	ggatttgtga	gaagcagagc	ctctcctcca	agccagagaa	gccatttgtt		360
accagctcgc	cctattagca	taccatgtgc	ccaggagtaa	acagtgccca	gagatgctct		420
ctgcaccaca	ccaccactgc	tggggtcggg	gagcggagtt	ggtgatccag	gaatgttttc		480
ctgtttcttc	agtgcctctt	tcagtgatat	gaagttaaaa	ccagggacac	aggagagaat		540
taagctgaca	ccaggagaca	cagctgacac	tggggagaag	tggtgaagac	agcatc		596

<210> 3993
 <211> 786
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (783)...(593)
 <223> similar to gi4835575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3993							
tttttttttt	ttaagaccct	catcaataga	tggagacata	cagaaatagt	caaaccacat		60
ctacaaaatg	ccagtatcag	gcggcggctt	cgaagccaaa	gtgatgtttg	gatgtaaagt		120
gaaatattag	ttggcggatg	aagcagatag	tgaggaaagt	tgagccaata	atgacgtgaa		180
gtccgtggaa	gcctgtggct	acaaaaaatg	ttgagccgta	gatgccgtcg	gaaatgggtga		240
agggagactc	gaagtactct	gaggcttgta	ggagggtaaa	atagagaccc	agtaaaattg		300
taataagcag	tgcttgaatt	atttggtttc	ggttggtttc	tattagacta	tggtgagctc		360
aggtgattga	tactcctgat	gcgagtaata	cggatgtgtt	taggagtggg	acttctaggg		420
gatttagcgg	ggtgatgcct	gttggggggc	agtgcctctc	taattggggg	gtaggggcta		480

ggctggagtg	gtaaaaggct	cagaaaaatc	ctgcgaagaa	aaaaacttct	gaggtataata	540
ataggattat	cccgatcga	aggccttttt	ggacaggtgg	tgtgtggtgg	ccttggtatg	600
tgttttctcg	tgttacatcg	cgccatcatt	ggtatatggt	tagtgtgttg	gtagtaggc	660
ctagtatgag	gagcggttatg	gagtgggaagt	gaaatcacat	ggctaggccg	gaggtcatta	720
ggagggctga	gagggcccct	gtagggggtc	atgggctggg	ttttactata	tgataggcct	780
cgtgcc						786

<210> 3994
 <211> 2278
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2279)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (520)...(800)
 <223> similar to gi5901651 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3994						
ctatttgggg	acccccgggt	tttccccgtc	cccccgttgt	taaaaccg	cccgatgaaat	60
taatttttggg	ggccccaaaa	aaaaagtttt	accttgccag	gccggggaag	ttaaattgga	120
tcctttaaaa	cggccccccc	tttttttttt	ttttataagg	ataagcaagc	ttttattccg	180
tcaagagaac	aaaggtcagg	acttttatcc	tggtgggggg	atggggagtc	cagattcctt	240
ctctgatgag	gcaaaaaaag	aatcaagact	cctgttcaag	taaagggcag	aggggtgagag	300
ctagtactct	tattctagaa	aggaagtaga	tacttttctt	tgataaagga	atgaacggta	360
gactcctagt	ttgcagaaaa	ggtgggaaag	atgtgacttg	tacttttgga	aggagatagg	420
gaaggaatta	aggctattac	tctgaagaaa	gttggggggc	cagggctcct	atttttttgc	480
tgaggagatg	gaagatcagg	gcttgatttc	aataagaatg	ggaggggcca	ggggatgcct	540
ggcaaaagcc	ttgactgtg	aggtgcaggt	agaggctttt	attctggtga	gaggacatgg	600
actctctctc	tccctcagg	taactgtgcc	ctgtaccagc	ggggaggctg	gtggtaccat	660
gcctgtgccc	actccaacct	caacggtgtg	tggcaccagc	gcggccacta	ccgaagccgc	720
taccaggatg	gtgtctactg	ggctgagttt	cgtggtgggg	catattctct	caggaaggcc	780
gccatgctca	ttcgccccct	gaagctgtga	ctctgtgttc	ctctgtcccc	taggccctag	840
aggacattgg	tcagcaggag	cccaagttgt	tctggccaca	ccttctttgt	ggctcagtgc	900
caatgtgtcc	cacagaactt	cccactgtgg	atctgtgacc	ctgggcgctg	aaaatgggac	960
ccaggaatcc	cccccgtaa	tatcttgccc	tcagatggct	ccccagggtc	attcatatct	1020
cggtttgagc	tcatacttta	taataacaca	aagtagccac	agaccgtgtc	tggtttgtat	1080
ctgcacctgg	caggggtcac	tccctgggcc	cgcctcctc	gtcctccacc	tcctcctctt	1140
cctcctcctc	ctccttcagg	tccctcagga	tgaggtgtgc	caggtcttcc	aggaggccac	1200
cctgggtcaa	gcaggtggcc	acagtggagc	cactgcta	gtgaggggtg	ctgggggtgga	1260
gcactttggg	caggtggttc	tgcttccggc	tcttgggggtg	agcacaggat	gtcccaggca	1320
cgtgggggtc	tcgcccgttg	tagcagtcgg	cagctgagca	ggagtgagtg	tggtgtctgc	1380
ggcgatccgg	gtccccgtcc	cagcgcgggg	ggaggatccg	tggtggatac	acggggaagc	1440
cgcacccgta	gcagggggac	ggggacccca	tctgtgccca	gcccctgggg	gcgggcaggg	1500
ctgtgagggg	ccgagggcga	ggctggggcca	gggtggggcc	agggcagggg	ggggcagggc	1560

tggggtaggg	cagggctgag	ggggagctgg	gggtcagcgc	cctcaccgga	agttgtgccg	1620
acacttcggg	cagtggaact	cagccaggcc	ccacatcttg	tcagctggca	ctggctcgta	1680
gcgcttcggg	catttcgggc	accgggatac	ctccttcggc	tggggcacgc	ggcgccacca	1740
gacgtggtcg	caggaggagc	aggcaaaactg	cgggtccaca	gcagggataa	ggtcgtcctg	1800
ggcacgttga	aacatgcgta	ggttggtcttc	tgtcagtggc	aggagggagg	tcgccactgc	1860
ctgaatgtcc	cggctcctgct	tcatactcttc	tgggtgatcc	tgggcatcca	gatcgttact	1920
tagttcttgg	ccatcttttt	gctttacccc	gtacacgatg	gagcgcccca	ctcccgtgtg	1980
gtcgtgcccg	aatttcctca	tcagagcccc	cgccttcttg	gaggatacct	tcccatgaaa	2040
cttctcccg	aggcgccgga	cgctcttctc	cagctccaca	ccttcttgag	acatggtggc	2100
ggcgggcgag	ttccccgcga	gggtccgcac	tgcgcggctc	agccgcccc	ctacctgggt	2160
gcgcccgtcg	gtccagcagc	cgcgcagggc	agggggcggt	gcctcggggc	cggctgantt	2220
ccnccnctg	gccagggtca	tcaaaggat	caaaacngcc	tctnctggtc	atgctgct	2278

<210> 3995

<211> 1307

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (182)...(736)

<223> similar to gi244774 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3995

ggcggaattc	agagagtgag	accctgtatc	aataaagaaa	gaaagaaaga	aaagaaacag	60
aaataaactt	aggacacagc	agacggccca	tcctgagggg	accacatagc	agatgctggg	120
accttttttc	aggtggacgc	cacatgacct	ttccttttgc	ggcatccatg	ctgatgttca	180
caaggcacac	agcatttcag	ctgaagaaag	aactggcagg	attttcatca	cgaaagggca	240
ctgtctatcg	tttatgaaaa	tgaagcatat	gaagtaaaag	tttggaacaa	gatggaatta	300
aatcttctga	cagattttta	aataagatct	aaaaaagagc	aagacatgct	cttggatggg	360
gaaacttaat	atcagaaaaa	tgtcaatttt	cccatttttt	ccatataaat	ttaatgtaat	420
tcaaattcca	ttaccaacag	ggtgattttt	taaaaaacta	gataaaatga	tctgaaagat	480
tatgcagcag	aataaatgcc	caagaattac	caggggaagc	tggaaaaaag	actgctgtgg	540
gggttttgcc	ttcctggaaa	taagaccata	ctgcaaagtc	actgtaatca	gatcaatatg	600
gcattggcag	aggactagac	aatggaaagg	aatggagaat	acaaaaataa	gttttcaggat	660
atatgagaat	gagatatatg	ccaaaggtag	tatttttgatt	cgggtgggaga	agggcagact	720
gtgaagtaag	tgttaccagc	cacaactgaa	tatccatctg	ggataaaaata	aaattgcact	780
cgtcttagag	atccaaatca	acttcagatg	gattaaaact	ttgaatgtaa	aaaacataaa	840
tgactaacag	tcctgcaaaa	tatcttggag	acaacctgtg	ccatctggag	agtgggaaga	900
gcacatgcaa	aggccaagg	gtggagcagc	ccagcatgtt	ctggaaaagg	tagggctccc	960
caaggctggg	atgatggtgg	agacctgggt	gtgtgggagc	acaggggtgg	gggcccgtgg	1020
gccaggaatg	cacagagagg	ggctggtgct	ctgccgcagg	cccaagcccc	caaagcccgg	1080
tcattcccag	caccatcttc	acgggtttct	gccagggtct	ttctgctgca	tctcttcttc	1140
ccccgattcc	ttaatcattt	tttttaaaat	cagttcatgt	ctttgtaaac	caaattattt	1200
ctaaaaggca	aatttatatt	actgccgaaa	tcaagggtca	gtgagctagt	tgtgtatggt	1260
ctgaatcaca	tggaaataaa	tgcacgaac	attaataagg	aaaaaaa		1307

<210> 3996
 <211> 1020
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (33)...(345)
 <223> similar to gi4589582 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3996
 aatcgaacac tgtaccaact ggcggaattc caatccctga gcgctatgtg gagctagatc 60
 ccgaagagcc acccagcctt gaggagctgc aggcgcggta ccgcaaagcc gagaagatcc 120
 gcaacatcct cgcccggtca agcatgtgca acctacagcc gacctcaggc caggaccaga 180
 acagtgtggc tgacctggac ttgcagctgc aggagcagga gcgcatcatc aacatctcct 240
 acgccctggc ctccgaggcc tcccagcgta gcaagcaggt ggcagcccag gcagtgactg 300
 acccgtgacc cagcatgcaa agaagcctgg agccaggggc ccagtggaac cagcttcctc 360
 caaggagatg acctttctgc cccaaggaa accccttcca gctgagcagg gaatccggcc 420
 ggaggaagga gcagcttacc gactgcgggt gttcaccaca ggccaggccc taatatgcac 480
 ccactagttt agctcagact cctctctaca tatgaatggc aaaggcactt ttgatataca 540
 ctgtaaaata cactgtattt tagaatcgga atctattttc taatgttccc ctcaagggt 600
 gagtggcagg aaggttgagg atgcaggact ttgcagctgc acgtacagat tcaggtactt 660
 ctgggtgaca ggtgttgagg gggcaggaag ggccgggcaa gccgaggcta gtccaacttc 720
 caatgacctc aggagaaagt gagatttaaa gaggtgttcc cagtagactc cagcaagagg 780
 ctggttgagg tgctgtctgg gagaagaggg gcccttggct gcagagatca gctgtccctg 840
 acctgatgac cagctctgtg tgaaactcca cgaggatcac acgtggagcc caagtctgtg 900
 ccttgcccct tgggtttggc ttaagggcaa cagtgtgttc aagaggactg gggcccacaa 960
 cctgccccca ggcttcctcc agcaaaaggc ttttttcttt ctgacagttc tagatcgcca 1020

<210> 3997
 <211> 1095
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(7)
 <223> similar to gi3172339 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3997
 ggctgcagc agctgtcggc gctgcagcct gagccgggag ggggtcccgct gcactcgtcc 60
 tggaccttct ggctcgacag atccctccct ggtgccacag cagctgagtg cgcacaaat 120
 ctgaagaaaa tctacacagt acagacagta cagatatttt ggagtgtata caataatatt 180

cctcctgtga	ctagcctgcc	tttgagatgt	agttatcatt	taatgagagg	agagaggcga	240
ccactttggg	aagaggagag	taatgcaaag	ggtggcgtat	ggaagatgaa	agtccccaag	300
gacagcacgt	ccacagtttg	gaaagagttg	ctgtagcaa	ccatcgggga	acagttcaca	360
gactgtgccg	cagcagatga	tgaagtaata	ggagttagtg	tcagtgttcg	ggaccgagaa	420
gacgtcgtcc	aagtctggaa	tgtaaatgcc	tcttttagtgg	gtgaagcgac	tgttttagaa	480
aagatctatg	aacttctgcc	ccacataact	tttaaagcag	tattttataa	accccatgaa	540
gagcatcatg	cttttgaagg	tggacgtgga	aaacactaat	tgcactctgt	aaagaattct	600
ttgtcctttg	ctgattgggt	ttggaaacgg	tcttaacagg	agggagagtg	aagagaagac	660
ttgccgaagc	cgatgctggt	caatttagag	tgggtttctg	tccttgacga	tgggcaatta	720
ggactcaaag	tggcaggtgg	ggtgggggga	gattgtgtgg	gtttctaccg	tcacattact	780
tgttttttaa	aaaaaacaca	cacaaaaaac	tttttttttg	gctttctaaa	atctctgttc	840
ttttcactct	gatttttttt	ttttttgccc	gtaaaaaatc	ctttatcccc	ccaaataatg	900
gttttcaacc	cccccttttt	attggggccc	aaaaaagggg	gttcccccta	aagaaccccg	960
gtggccccta	ttaaaggaaa	aatgccaaat	cgggaaaaaa	ccggttttga	aaacccccct	1020
tggccagggg	gaacccttac	ttggaaaaaa	ctgggttttt	aatttttggt	gggaaccctt	1080
ccttatgtcc	ggggg					1095

<210> 3998

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (470)...(497)

<223> similar to gi2352427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 3998

cgctcaagat	ccttaactga	atcccatctg	caaagtcctt	tgtgtcatct	tgggtaacat	60
atgcagaggg	tccagagatt	agggcatagt	cagtacaggg	gacccttatt	ccacctacca	120
gagagggtcc	agatgaggac	tgggtgaggg	gacgcagggg	aagggctggc	ccggccccta	180
ggaggtacca	agtgtcagc	tagtagcacc	tgtcatggga	tacagaaccg	gccagcaggc	240
ctttgaagcc	agggtcctag	ggtcaccac	cccaaccctt	cctactccct	tctgcactcc	300
agactctgaa	gaactggcgg	cttcagcagt	acagccacga	ctcggcagac	ccaggcatcc	360
tcgtgctcct	ggcctgcggg	accatatcca	gcacctgcgg	ccaaatagcc	ccttaccgcg	420
tggccctggt	ccggaccgcg	atgcaggcac	aaggatttca	tcattgttgc	caggctcatc	480
tcgaactcgt	ggggacaagg	aattggccag	ccttcagcct	cccaacgtgc	tgggattaca	540
gccggtgggt	atgccatgag	caaccttatg	gagaggacca	tgtggtaagg	aactcagcca	600
atagccatgt	aactgagctt	ggaagaggat	cttgctgtcc	tggccaacat	ctcactgcaa	660
ttctatcagt	tgaattccct	ggatagtcca	agctttgtgg	atccctccac	cgaaacaact	720
ggatcccagt	acctgaatcc	tgaatcttag	actcttatac	ttcaaact	gatcacggga	780
acagccgggt	cagcagctcc	tgagttccta	atgctcagaa	catggatgag	atgataaatg	840
tttgttgtgt	taagctgcca	acctttggcg	ggggggtaat	tcgtcacatg	gcaacagctg	900
gctaatacat	ataacctac	atgtaaaaaa	aaaaaaaagg	ggcggccggt	taaaagggaac	960
aaagtttact	taccggggcg	tgcgagtga	tatttttttt	atggggcccc	ctaaattaat	1020
ttcccggggc	gtcttttaac	aacgtgggga	ggggaaaacc	cctg		1064

<210> 3999
 <211> 1567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (544)...(1001)
 <223> similar to gil657464 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 3999

cccacgcgtc	cgtccaggc	tcctggagtg	cctcatgctg	gctaagttct	ctctgggctc	60
ctccaggggt	tctgtgtgct	cttggagggtc	cctctgctag	tgggtggctaa	ctagagagtc	120
agcagggggg	tgactgggaa	agagggagag	gtgatgttgc	ctgctactcc	cctccttgcg	180
gaccctcata	ccacatgacg	tggcggcggtg	gggccaggaa	ctaggggaagg	cagaaggcgg	240
gcgcagtggg	cagctctctg	ggctcagctt	gctgaggggg	cctcctgtcc	tggtcttttc	300
tgggagacct	cattcttctg	cccatgttcc	tgcttcacac	attccccgtg	atgaacgctg	360
tgggcggggc	ccggcctgtg	ccctcagtc	cacagctcct	ctagtgtacc	tgccccgtgg	420
gaaccccatg	tggaaagagc	cctcagaact	gacaggaatc	agggacagag	gcccttgctg	480
tcagcctcct	gggcacctgc	acctgccagg	cctctctttc	ttaccagccc	agtgtgctg	540
ccaaaatcca	gggctatccc	agctgcccg	gacccagtt	gagccgggat	atttgtctt	600
ctggagatgg	ctggtgggca	ggcctcagtg	gtcatcatag	ggtctgcggg	ggtcctgggg	660
tgcaggtggg	gctcctcagg	gaagagccat	agtctgtccc	caagtcggaa	gggtaatctt	720
catcttctct	cacaggagcc	acaaaccact	gtggtacaca	acgctacaga	tgggatcaag	780
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gagatcatta	agattacaga	acagctgatt	gaagccatca	acaatgggga	ctttgaggcc	900
tacacgaaga	tttgtgatcc	aggcctcact	tcctttgagc	ctgaggccct	tggtaacctc	960
gtggagggga	tggatttcca	taagttttac	tttgagaatc	gtgagtgggt	tcgtgctgct	1020
gatatactcc	tgcctgcccc	tttaccctt	tgtctctgtc	tcctgtctac	cttctcatcc	1080
cagttgccca	cttttccctt	atgtgacctt	cgtgctgcac	tcctactctg	tatgcttgct	1140
cccttggtgc	ccgatgggtg	tagacaggca	cctttgaagg	ccctgtcctc	gagctccaag	1200
tgccattcat	tctgcagctg	ctttgtggca	gtgccagtca	ccacaatcaa	gctcacttat	1260
ttcttgccgg	gcgcgggtgg	ttacgcctgt	aatcccaaca	ctttgggagg	ctgaggctgg	1320
cggatcacga	ggtcaggaga	tcgaggccat	cctggctaac	acggtgaaac	cccatctcta	1380
ctaaaaatac	aaaaaattag	ccgggcgtgg	tggcggtgcc	tgtagtccca	gctactcggg	1440
tggctgaggc	aggagaatga	tgtgaacctg	ggaggcagag	cttgcaagtga	gccaagatca	1500
ggccactgca	ctccagcctg	ggcaacagag	caagactcca	tctcaaaaaa	aaagaaaaaa	1560
ttatttta						1567

<210> 4000
 <211> 1273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1239)...(731)

<223> similar to gi733558 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4000
cccagcccgg cgaggtgtct aactgagtgt aaggtaaaat gctcaagggg agcggtgcc      60
ccccccccc cgtttcagga gtccccccgc cccccccgtc ttcttcggtt attgggcctt    120
ttattatgtt tgtgttgggg tctgttaaag aaaatatata ttattataa aataaagtta    180
gtttcatgaa gagagtagaa aaataacact atgagctact aaaaaagttg tggaaactcag    240
tctccgagga ttgggggtgag aggcctttcac atcactctgg aaaccaccca acatgaggct    300
ctccgtgctc atgtgggaca ggtatagcac agctcgtaca gggagcatgt ggctcaggctc    360
ctgcttgaag cccaaggagc ctagatgggc cacacgagat gctctggcca cggtgatcaa    420
ggaggagaac ttgaggtcag caggggactg gttctgagaa ggggcaggat ggggaataacc    480
ttgcccctcc ctatactgga gtgtagaaga gtctcttggg ctgatgggtc tggtttagaa    540
gatggtaccc actggcctta tgctgagttg cttgcccata tgtctgtgct gaagaaaagc    600
cacacagcct ttctcaggac aacttgcccc accaattctc actggtgtgg cttaaagtacc    660
agaagcaata tgtgtggtgt cagcctgatg ggctgctggc tgaaattctg tacttcaaatt    720
cgtgtccata ctggagaaag cagccaaggt gagcacctca agtaaaagct ctgagccaca    780
gaagaagagc aagatgccat tcatgatggc ttccaggcgg agtacgtagg tctgcagcag    840
caggtaatag gaggccatca tggcagatgg gaaggtcaag gccacgctaa tactgagtgg    900
catctttcgc tggcagaggt ttccctttgt accaaaaaac aggcgaatta cttcaattcc    960
aagataaagg agggagcatca ccacatccag tactaggtta gctgttggat atggtagcag   1020
gacaccttta tacagaaata tgaaaagtcc cagcaggaaa taggtagcat tataccaccc   1080
gttcagaaaag aacaggattt ccagcggggg ggaggacaac cgtttacctc cggaatctca   1140
cctcgcgggc ccattcttcag tcccctgggc agcatacgct gccacaccgg ctcccggagc   1200
agcgcgggcg tgccggaaac agggacgaag cggcctgggt ttccggcccc tctgcccggc   1260
cgggacactc tgg                                     1273

```

<210> 4001
<211> 728
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (724)...(317)
<223> similar to gi2117196 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4001
ctttccacac catggtccaa gggaagggct gccctgtctg aagagtcccg ccacttgta      60
ggatgagacg tggaaaatat tgttgctgta acttaaaaaa caagaccagg ggggttggct    120
gggagcaccg gccagcaggc cctgctgagc ataaaccccc tccactggag aaggcgtggc    180
ccctgccccac ctggaccctt ctggaaatga gggaagtgtc aacagcagtg cccatcccac    240
aagcattaaa ctcgggagggt ggagactctc cagcagaaaag ctgggcagca gagtggctct    300
gcccctcggc ccacaaaggg ccttgggcca gcatgggcat gcctgggtgtg tgcccactgg    360
ggtccatccc tgccagtggg gttccaggga cctcggggac cgggctgctt gggcccttgg    420
actctaggtg agccgtgaga gcgggctggg gcaggcggag cagctgcctg cagggcaggg    480

```

acacgggtcag	gggctacctc	ccggacaccc	tggcctctcc	acaggcagct	atccatgatg	540
ctgatgctgg	cgcagtcaaa	cccgcagctg	ttcgcgctta	tgggcacccg	ggcaggcatc	600
gccagggagc	tggagcgtgt	ggagcagcag	tctcggctgg	agcagctgag	tgcggcagag	660
ctgcagagca	ggaaccaggg	ccactgggct	gactggctac	aggcgtacag	agcccggctg	720
ggacagga						728

<210> 4002

<211> 1397

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(589)

<223> similar to gil522683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4002

ggcacgagtg	aaggcagggg	cttccatcgt	tggcgtgaac	tgccgctttg	ggcccagagac	60
cagcttgaag	acgatggagc	tcatgaagga	gggtcttgag	tgggcagggc	tgaaagcgca	120
cctcatgggt	cagcctctgg	ggttccacgc	gcctgactgt	ggcaaagagg	ggtttgtgga	180
tctcccagaa	tatccctttg	gactggagtc	cagagttgcc	accagatggg	atattcaaaa	240
atacgccaga	gaggcctaca	acctgggggt	caggtacatt	ggcgggtgct	gtggatttga	300
gccctaccac	atcagggcaa	ttgcagagga	gctggcccca	gaaaggggct	ttttgccacc	360
agcttcagaa	aaacacggca	gctggggaag	tggtttggac	atgcacacca	aaccctggat	420
tagagcaagg	gctcgaagg	agtattggga	gaatctgctg	ccagcttcag	gcagaccttt	480
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cgaacaggaa	aaagttgccc	tcaagcctga	cctggaaccg	ttcctcacct	tcatectcac	600
catgccctgc	tatctccagc	tgctgagcag	ctgaggtgct	gcagcccctt	cccttccagc	660
ccacaagtgt	gtgcatattg	agtcctgct	gtggttaagc	actgcaacag	actctaccag	720
agatgcaaag	agaagcgaga	gaggcacctt	gttctccaag	aacttactgt	ccaatcatgc	780
tgtggtgcat	tcttttgaag	atcatgaaga	atagccaaac	ttgtctttga	gggtgaattt	840
gacactttaa	aataatcaga	agtcactgag	acccaaagct	agtgaataat	tcaagtgact	900
aagctagata	cttgaggatg	atagagcaac	actaaactaa	agcaatgagt	ctgctttttt	960
taatgattta	tacaatgact	ccaaaggcaa	tcccaaagaa	aagatgtaaa	gaatgttttg	1020
agcaatggta	gcattattga	aataaatgtt	taactatcca	aagtgattac	tttcaaagat	1080
gattttttact	taaagatatt	aggtctggcc	aggcgaagt	actcacacct	gcaatcccag	1140
cactttggga	ggccgagggc	ggcggatcac	ctgaggtcag	cagttcaaga	ccagcctgac	1200
caacatgggt	aaaccctgtc	tctaccaaaa	tacaaaaatt	agccggggcat	gatggcgggt	1260
gcctgtaatc	ccagctactc	gggaggctga	ggcaggagaa	tcgcttgaac	ccaggaggcg	1320
gagcttgcat	tgagccgaga	tcaggccatt	gcacttcagc	ctgggtgaca	gagtgaagact	1380
ccatctcaaa	aaaaaaa					1397

<210> 4003

<211> 857

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (820)...(593)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4003

ttttttcaca	aattataata	ttttattata	gaaaaagggt	gccccaaatac	aggatttcgt	60
aaacactggt	aggtgaacaa	gtgcaatttt	aaaagtaa	acaaagtaga	ggcaaaacct	120
acaagcattt	tgccttcaga	agaaaaatcg	aatgttctcc	tgcactagt	atccccacca	180
gaacacaaat	gtggctccat	ctcccatgaa	agcatcatat	ttgctttctg	agctcagtat	240
tcccatttca	ataattgcaa	agtgatggca	agaagtgga	ctgaatacat	tactacaaac	300
ccttgactta	aaatattgag	acagggctct	gccctgtcat	ccaggtgga	gtgcagtagc	360
gtcatcatgg	ctcactgcag	cctcatcttc	ctgggctcaa	gcaatcatcc	tgtctcagcc	420
tcttgagtgg	ctgggaccac	aggtatgcac	taccatgtcc	atgcctggct	atTTTTTTaa	480
ttttttacgt	tgcccaggcc	agtctgaaac	tccctgacct	aagtgtacct	cccaccttgg	540
cctcccaaag	tgtctgggatt	accggcatga	gccactgcac	ccagccaaaa	cctttaattt	600
ttttttttct	tttttgagat	ggagtcttgc	tctgttgccc	aggctggagg	tgggagagct	660
gccggaagga	cttatcacag	taggagcagt	ggtagggctt	gacgcccagg	tggatgcgca	720
ggtgctgggc	caggtaggag	gcgttgga	aggacttgga	gcagtgcggg	cacttggtgg	780
gcttgccctc	tgtgtgcgac	ttggagtgga	tctgcatttc	tgacttggtg	aaaaagggtca	840
gtgggcatac	cttacc					857

<210> 4004

<211> 2919

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(514)

<223> similar to gi2347100 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4004

attaacctag	gaaatacatg	ttatatgaac	agtgttattt	aagccttggt	tatggccaca	60
gatttcagga	gacaagtatt	atctttaaat	ctaaatgggt	gcaattcatt	aatgaaaaaa	120
ttacagcatc	tttttgctt	tctggcccat	acacagaggg	aagcatacgc	acctcgata	180
ttctttgagg	cttcagacc	tccatgggtt	actcccagat	cacagcaaga	ctgttctgaa	240
tacctcagat	ttctccttga	caggctccat	gaagaagaaa	agatcttgaa	agttcaggcc	300
tcacacaagc	cttctgaaat	tctggaatgc	agtgaaactt	ctttacagga	agtagctagt	360
aaagcagcag	tactaacaga	gacccctcgt	acaagtgcag	gtgagaagac	tttaatagaa	420
aaaatgtttg	gaggaaaact	acgaactcac	atacgttggt	tgaactgcag	gagtacctca	480
caaaaagcgg	aagcctttac	agatctttcg	cttgcccttt	ggccttccta	ttctttggaa	540
tacatgtcat	gtcctgactg	cagccaatca	cccagtatac	aagatggtgg	tctaatagcaa	600

gcctctgtac	ccggtccttc	agaagaacca	gtagtattata	atccaacaac	agctgccttc	660
atctgtgact	cacttgtgaa	tgaaaaaacc	ataggcagtc	ctcctaata	gttttactgt	720
tctgaaaaca	cttctgtccc	taacgaatct	aacaagattc	ttgttaataa	agatgtacct	780
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ccagagattc	ttactgggtga	taaccaatat	tattgtgaaa	actgtgcctc	tctgcaaaat	900
gctgagaaaa	ctatgcaa	cacggaggaa	cctgaatacc	ttattcttac	tctcctgaga	960
ttttcatatg	atcagaagta	tcatgtgaga	aggaaaattt	tagacaatgt	atcactgcca	1020
ctggttttgg	agttgccagt	taaaagaatt	acttctttct	cttcattgtc	agaaagttgg	1080
tctgtagatg	ttgacttcac	tgatcttagt	gagaaccttg	ctaaaaaatt	aaagccttca	1140
gggactgatg	aagcttcctg	cacaaaattg	gtgccctatc	tattaagttc	cgttggtggt	1200
cactctggta	tatcctctga	aagtgggcat	tactattctt	atgccagaaa	tatcacaagt	1260
acagactctt	catatcagat	gtaccaccag	tctgaggctc	tggcattagc	atcctcccag	1320
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gaaatgtcaa	aagaatggtt	tttattta	gacagtagag	tgacattttac	ttcatttcag	1440
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aaacagcata	gtactaatgg	tttaagtgg	aataacccaa	ccagtggtg	ctggataaat	1560
ggagacccac	ctctacagaa	agaacttatg	gatgctataa	caaaagacaa	taaactatat	1620
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aaatatctat	cttttatttt	tcattagacc	cttatacttc	aagagaacac	actcagtgtc	1920
tgttttttatt	ttcttgacac	atttattaac	aaaatgcac	atggaaaaaa	aatctacctc	1980
ttaaaattca	tttgctttta	tggttagaca	tgcttgacca	aaaatgttca	gaagaaaata	2040
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tcagttttac	tgaacaaaaa	atgtaattta	tttagcattc	tttataaaag	aattgatgct	2160
agaggtaaaa	aaaaataact	gtttttaaaa	aatcctttac	gtcttggtga	attaccccat	2220
tattaaattc	aagtccttga	aaatcaacta	gagattataa	agtctctaaa	gaaggcaata	2280
acaaaattta	tcaagatata	gtacttttca	gtttttgttt	agtgtcttca	gcactactgt	2340
gtctgtattt	caagtacaaa	tgttttttaa	aaggattctt	tatacatatg	tgctgaattg	2400
attttaagaa	agttgcatga	tcctgtagga	gcaacatttt	tacctaaaaa	atgctaactt	2460
tatagtattt	ctaattgttc	aaggatttta	aaattctatt	tcagggagta	tatcttctgt	2520
ggttttgaag	gaggtgagtt	ctgtatgtgc	cttgagctac	tgtaattcaa	aaataggaat	2580
ctttggctgc	aaaattttta	tgaaatgtta	ggaagtaatt	ttcgtgctaa	cattaaaatt	2640
ataacttttt	gaaaggta	agattttcca	gaagtaaaat	ctgatgggtc	taaatcaatc	2700
aatgtgatag	ttcattttta	actcttagaa	gaattcagag	gaaattaacc	cagctaagta	2760
aaaaatctgt	cttgattttg	ttacttattc	ctcagaatat	taaacattga	tcacatattt	2820
ttagagtttt	acatttgggt	tttttggttg	tttgtttcag	tcatatgttt	ggcactgttg	2880
tttctatttt	cgtagtttta	gataaaatgt	taaaatgccc			2919

<210> 4005
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (644)...(770)

<223> similar to gi307095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4005
gactgaggta ggagaatccc ttgagcccgg gaggcagagg ttgcagtgag ccgagaccac      60
accattgcac tccagcctcg gtgatagagt gagactccat ctcaaaaatg atacagaagt     120
tatatccttt ttttgttttt agacagtctt gctctgtcac ccaggctgga gtccagtggc     180
tcaatcacag ttcactggct cgctgtagcc tcaacctcct gggctcgagt gatcctgcag     240
cctcagcctg ctgagtagct gagactgcag gtgcacacca ccatggccgg ttgattttat     300
tacttttagag ccagggtctc actgtattac caaggctggg catgaatttg taaaagattt     360
tcaaaggaag gaaggaatga cttaccacaga gtgagcaaca gttttgggta aactgatggc     420
attcacacta cttgtaattt cctcctaggt gtgatctgtg ttttattttg cactttaaat     480
gaagctacct tatcgagata agtcttcccc atggtgtcat aggctggcat cacagcttta     540
tggttaattg cagcccagat tatacgaggt ccccatgcc atgtagatgg gatgccactt     600
gtatgtagca tttccagtca ctctctcctg acctttcccc ccagataatg aagggtcttg     660
aagcaaaagg cccaaggtgg agtattcaga agaggagatg aagaccaca tcagcaaggg     720
tacgctgcgc aagttccctg tgcccgtgtt gaaataggca aaacgggaat aatgggtgcg     780
gnggcgtgt                                     789

```

<210> 4006

<211> 2314

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(1070)

<223> similar to gi3860741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4006
ggaattcgcg agaagcgctg cagttactgc aacttcaaca agtacatccc ttttcgcctg      60
gattaggctg ccatgcagaa gtgtctgggtg accgaagctc atacgctgct gcggctcagc     120
ggggtgcaac ggggtggagtc tgtgttcttt ggtgggggga cccccagtct agccagtccc     180
cacacgggtg ctgctgtcct ggaggctgtg gcacagacag cccacctgcc tgcagacttg     240
gaagtcacat tggaggctaa tctacttca gctccgggct ccagactggc agagttcggg     300
gcagcagggg ttaacagggt gtctataggc ctccagtccc tagatgacac tgagctccgg     360
ctgttgggac ggacgcactc ggctgcat gctctgcgga cgctggcaga ggcccggcgc     420
ctctttcccc ggcgcgtgtc tgtagacttg atgctggggc tgccggcaca gcaggtgggg     480
ccgtggcttg ggcagctgca ggaactgctg caccactgtg atgaccacct ctccctctac     540
cagctgtccc tggagcgggg caccgcactc ttcgccagg tgccggggg tgcccttcca     600
gcccctgacc cggagctcgc agctgagatg taccagaggg gccgggctgt ccttcgggag     660
gctggcttcc accagtatga ggtctccaac tttgcccgga atggggcgct cagtaccac     720
aattggactt actggcagtg tggtcagtac cttggcggtg ggcctggggc ccatggacga     780
tttatgcccc agggggctgg aggccacacc cgggaggctc ggatccagac actggagcct     840
gacaactgga tgaaggagggt gatgctgttt ggccatggca cccggaagcg tgtccccctg     900
ggcaggctgg agctgctgga ggaagttttg gccctggggc tacgcaccga tgtggggatc     960

```

actcaccagc	actggcagca	gtttgagccc	cagctgaccc	tgtgggatgt	gtttggagcg	1020
aacaaggagg	tgcaggagct	gctggagcgg	ggcctactgc	agctggatca	caggggtcct	1080
cgggtgtcct	gggaggggtct	ggctgtgctg	gactctctct	tgctgaccct	cctgcctcag	1140
ctccaagaag	cctggcagca	gagaaccccc	tcccctgtgc	caggaggatg	acaaaaatgt	1200
tcttgtgttc	cagggtaatg	ccagggtgggt	tttgagagct	gggtcgggtac	tgacagacatc	1260
tcttctccgt	tgtcgggtgc	cgtctctgct	ccttgtgggt	attgctcagc	cctggcatcc	1320
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ccattcagca	tctcaggact	cacaggccaa	catgtgttcc	atggctggga	attgcctacc	1440
accacatca	gcttctgttt	accttttttg	catcaaataa	tgaacagtgt	ttggaaatct	1500
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atgctacaaa	acctcatgcc	tactgtctgc	cactgctgga	gaaggaaatca	tggtttctag	1860
aagtgcctct	cattagtggg	ctttaagca	aatcctggct	ggcaggaaat	tctgaggaat	1920
atagctctta	ggcttccagc	ctctaccatg	caggagagaa	cacagaagga	ctgatgtatg	1980
ttggtggatc	catgtatgtg	tccagcacag	cggcctgctg	gactctgaga	actgggaaag	2040
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ccacacagac	tcttctgagc	cccctcactc	acttccttcc	ccctgtgcct	ttcctttgag	2160
agtgaagggtg	ggtggagttg	accagagaaa	ggggagagaa	ttcgggaaag	acccaaagtg	2220
tttgaatttc	ttctttgtcc	ttttacctac	agaaatggtc	acatggttct	atttaaatag	2280
cctaataaac	acatctggag	cctgaaaaaa	aaaa			2314

<210> 4007

<211> 2098

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2099)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(1514)

<223> similar to gi5689535 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4007

aatggaggtg	ggagtttaaa	taactattcc	tctccattc	catcgactcc	agcaccacgc	60
aggagggacc	ctcagttcag	tgttcctccc	actgccaaca	caccacgcgc	cgtttgcaag	120
cgggtccatgc	gctgggtccaa	cctgtttaca	tctgagaaag	ggagtgaccc	agacaaagag	180
aggaaagccc	cggagaatca	tgctgatacc	atcgggagcg	gtagagccat	ccccattaaa	240
cagggcatgc	tcttaaagcg	aagtgggaaa	tggctgaaga	catggaaaaa	gaaatacgtc	300
acctgtgtt	ccaatggcat	gtcacctat	tattcaagct	taggtgatta	tatgaagaat	360
attcataaaa	aagagattga	ccttcagaca	tctaccatca	aagtcccagg	aaagtggcca	420
tccctagcca	catcggcctg	cacacccatc	tccagctcta	aaagcaatgg	cctatccaag	480
gacatggaca	ccgggctggg	tgactccata	tgcttcagcc	ccagtatctc	cagcaccacc	540

agccccaagc	tcaaccgcc	cccctctcct	catgccaata	aaaagaaaca	cctaaagaag	600
aaaagcacca	acaactttat	gattgtgtct	gccactggcc	aaacgtggca	ctttgaagcc	660
acgacgtatg	aggagcgggg	tgcttgggtc	caagccatcc	agagccagat	cctggccagc	720
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aatcctaagt	gggccagttt	gaacttggga	gtcctcatgt	gtattgaatg	ctcaggatc	900
caccgcagtc	ttggccccc	cctttcccg	gtgcgatctc	tggagctgga	tgactggcca	960
gttgagctca	ggaaggttat	gtcatctatt	gtcaatgacc	tagccaacag	catctgggaa	1020
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tggatccgtt	ccaaatatga	ggagaagctc	tttctggccc	cactaccctg	cactgagctg	1140
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ctgctggcac	atggctcctg	tgaggaggtg	aacgagacct	gtggggaggg	agacggctgc	1260
acggcgctcc	atctggcctg	ccgcaagggg	aatgtggtcc	tggcgagct	cctgatctgg	1320
tacggggtgg	acgtcatggc	ccgagatgcc	cacgggaaca	cagcgctgac	ctacgcccg	1380
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acttttcgta	aactaagtaa	atacacaaaa	tgttgatttt	tctgaccata	agacgtattt	1620
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ggtaaagggg	gaaaaccacc	cccctttccc	tggctgttaa	aaatgnngnn	nnnnnnnnnn	2040
anaaccccc	ctctcggggg	gggcaatggg	gccccccct	ctttaaggag	atagagct	2098

<210> 4008

<211> 1956

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1957)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (516)...(741)

<223> similar to gi4589630 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4008

tttcgtgttt	gatgctggga	tcctcttggt	gggggcgtct	gtcaacgtca	ccatttggga	60
agtgcgcaga	gctcagagca	gcgcttccat	gcttccttct	gcttgggggc	ccctccagg	120
agcttctttc	ttcttgctat	ctttttcttt	ctgttttctc	tcctcttccc	cgcaccttg	180
gaggcaggag	accacttgg	tggtgctggt	aagtggaagc	cttggtgggt	gggcaggggc	240
tgggctgggg	agggtggctg	aaccggctgc	tgccacacct	cgtgggggct	gccgcgcagg	300
atgcctctgc	acacgggtcc	tgcagccttg	caagaggtgg	gcaggactgg	aaggagctgt	360

tcccacagga	ggatgatgag	ggcgccccgt	gcccagcaga	ggatgagctg	gccctgcagg	420
acaacgggtt	cctgagcaag	aatgaggtgc	tgcgagcaaa	gggtgtctcg	ctcacggagc	480
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tctcagtgc	gaagaagagg	cggagctgca	gtaattgtgg	aaacagcttc	tgctctcgat	600
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ggtccaacca	ggcacccgtc	cttgggacca	gcagtagacc	ccccactctc	cccacccctg	780
gcccactgtg	gtgtgtgctg	ggcaaagtgt	ggcctgaatg	ctaggtaggc	ttcccccttc	840
ttcctcactc	tctccagctg	gattctggag	ctgttctcca	tccatgagag	tggttgccaa	900
tggtgctct	caatcccttg	agggagaaga	gcccctggag	ggcctggcat	gtttgtcctg	960
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taacaagacc	atgggtgctt	ctagaaacag	ggttgaagtt	cccagattcc	ctgagaggag	1320
aatgtgtata	ggagggtttg	gctgagtcct	tcagcgtaaa	gtggaggaaa	gcttggggaa	1380
gccccaatag	ctggacagac	ctcagcctcc	cctcgaagac	acctcaattc	acagactctc	1440
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acaacttctg	cacctctgt	ccagagtcta	gggcagtcct	ccactggccc	agcactccag	1560
tttcttttcc	ctgectcttg	tccaatggag	tgggaggcca	ggtgagtgga	gcagaggtcc	1620
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ttccagggtc	attccctgga	ggacagtctc	agttatggga	taaggcccc	tgggggtctc	1740
catttctttc	caacagtctc	atgttcacta	ctggactctt	acgggctcag	tatctctccc	1800
ttagccatga	gctggctcag	ggaatccctt	tcccttccct	ggaagcttgc	ctggctttct	1860
caagtattta	tttaattaat	tgcatggttc	ctggggaana	tggtggcana	agtnatggga	1920
tgangaggaa	atttgggggt	gggggtcttc	taacta			1956

<210> 4009

<211> 1524

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(441)

<223> similar to gi2143260 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4009

gaaatggtac	tcttttcatc	atggtgatgc	atatcaaaga	tcttgtgagt	gattacaaag	60
aatgatgggt	gtagaggaaa	cccttacctt	ggtaggaagc	attactatta	agggactgct	120
ttttttttta	ggttactgaa	aatggagctg	acccaaatcc	atatgtcaaa	acatacctac	180
ttccagataa	ccacaaaaca	tccaaacgta	aaaccaaagt	ttcacgaaaa	acgagggaatc	240
cgacattcaa	tgaaatgctt	gtatacagtg	gatatagcaa	agaaacccta	agacagcgag	300
aacttcaact	aagtgtactc	agtgacgaat	ctctgcggga	gaattttttc	ttgggtggag	360
taaccctgcc	tttgaaagat	ttcaacttga	gcaaagagac	ggttaaatgg	tatcagctga	420
ctgcggcaac	atacttgtaa	actagtgaat	gtctgagctt	tggaagcatg	aacagttata	480
aacgtgcatg	catacatgca	cacacacaca	gacacacaca	cacacacttg	ttaattttgt	540
atagtatttt	tatacttgga	cagaacttat	aaagttaa	atacttgctg	catttcaaca	600

catctgttgg	accaacagtc	acataactaa	cctttttgaa	tttttggaag	ccattgctgt	660
tttaaagtca	ttatgtagaa	tgctacaaac	cctaaactta	atatatacta	attcctgaaa	720
aagactttga	gacagtacta	tgtcagttca	gccacctatt	ttgcattggt	ttctataagg	780
aggcaaagca	tatgtgtttt	cctgttatgc	accttttata	gcctttacca	ctgtgtaatg	840
ttcacaaaca	ccaaagttaa	ggaaaaatgc	aggatgttac	cgtaaaatcc	agctgctatt	900
catggagctg	aaaaacaaa	cacaaataat	agatagctaa	gttaagaact	actaagtagt	960
ttatagaagt	agggaaaaac	gtaatactgc	tttttattca	tgtctttaaa	gcctttttca	1020
gaataagtgc	caatcactga	tgttgtaaat	aatgggtgct	taactttata	tgcttcctg	1080
gcacttcgtt	tctgattttt	ttcctgattt	gataaataat	tagtacatag	ttttcactca	1140
cttgcagctt	actaaagaca	agaaattatg	tacatgtact	aatgtttttc	ccacaaaaaa	1200
atcctttact	tctgatgtat	gaattagtta	tctaaatagt	taagccta	acctgaataa	1260
gactcaccaa	tgtgattgta	caataaatcc	tatcattcca	ttaaaatcct	acattttatc	1320
ccaggaatgg	taatttcacc	tcctacatc	tatactccac	tcctcagta	aataagtga	1380
aattgttaac	ccatgtgccc	attcctgagt	agggcagact	cttcacaaga	ggcccatgac	1440
agaatttcta	gggtccagat	tgaactttaa	tatagacctt	tgtctgtgta	gaccagtttg	1500
tcttgtaaac	tgtcttactt	atgt				1524

<210> 4010

<211> 1399

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1348)...(584)

<223> similar to gi2072425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4010

acgtggaatt	ccccacacag	actgggtgta	gaagtgtagg	taaaaagtgg	actatggata	60
gcttatgaag	gatccaattt	cttgggaaga	caaactctac	tcaggcctaa	tgagatccca	120
aactggacag	cattcagcag	atggaaaaca	attggttccc	tccgtcctat	gaagcagcct	180
gcagtgtaca	tcagaataaa	gaaccgtgcc	caggggtgaat	atctgacagt	cactggaagt	240
ctagcagaca	ccagggcaac	atctgtgtgc	atttctccct	atagtggaaa	gaatactcag	300
atctggtact	actgccgagg	actctttaaa	tccaaggcca	gtgatacatg	tcttgatgtg	360
attggtggcc	gggacacacc	tggagctaaa	gtagctctat	ggactgaaca	tgggcaattc	420
aggcagaagt	ggagactgaa	taaaaatgga	actatcagct	cttatctcag	tgatcaactt	480
gtccttgatg	ttaaaggagg	aaattattgt	gacaagactc	atgtaattgt	aaatcagccc	540
ctggaggagg	aagaaacaca	gaaatgggac	attgaaatat	tgtgagagaa	tcaacatccc	600
tagaaagatc	cctagaaaga	gcaaagaagg	aaacacatct	gtcattgtct	tgtggacgtg	660
gaaaggaagc	tactgtcctc	acactcctgg	atcactgagc	agaatgaaca	ttttctccag	720
cctctgagac	tatcgctctt	aaccatggaa	aagctcaaaa	tattcttgcc	attactcagt	780
gttcctataa	agaaaatatt	atgatatctt	ggaaagggtc	tattcctgat	ctccagctgt	840
gggtgagcaag	tttcctgaag	tgtttatttt	ctctcatatc	caccaaactg	gaatcctggt	900
cctgatggcc	cgttattgga	cactggtgta	ggctattatc	ctgtattatt	tattaatatc	960
ctacctagat	gcttgatgta	gtacaaagca	taaagaaaca	gatttctata	ggtcaagtca	1020
tacttttgca	aacagatgat	gagtaatttt	ttagcaaacac	ctgaaaatat	actaaacttt	1080
cctagataaa	ctttaagggt	tctatactga	ggcttttata	atgaacgcac	ctcgtaagt	1140
atttatactt	gtaactaacc	ccaggcaggg	acctcagctt	tgttaggaat	aaggcacaag	1200
aagtattttc	tgtagctatt	gtttcctcag	tccttcaaac	taaaaaagta	caaataaata	1260

acctatggcc	aaacttgac	tgttacgtgt	taaccaagac	atcccttttag	gtgacaagac	1320
tctataaacag	tggttacctg	tctccatggt	gacattcat	cctagattta	aggagaggca	1380
tcaatttttt	ttttttttg					1399

<210> 4011
 <211> 1248
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1205)...(974)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4011	
ggtgagtagc	tgtgcgaatt
ctgggctccc	cgcttctctg
agcgcgcgcc	cgctgctctc
ccctctcttc	cgcaggcacc
gccgtcagtg	gatcggaag
acatgatccg	ccgcctggag
tgacccggga	gcaggagcgc
taaaggcggc	cgccacttcc
atctcaatgt	caccaagaaa
cacggagctg	accatcttta
gagccttttg	accagtcttt
ctagagctct	aaacccccca
gtctgatacg	aagatagggg
ataaagccac	aatgatttga
catgcaacat	tagtttgctt
ttcagttaaa	catactcta
aagcgaagta	aaagaggccg
tccaaggcgg	gcggatcact
aaccgcgtctc	tactaataca
cagctacttg	ggacgctgag
gaagcggagg	ttgcagtgag
cggttctcta	gggaactcct
gaggggaggg	ggtgcgggaa
tccaggtccc	gccgcgccag
atgttctga	ctgcgctcct
caccggcggc	cgcggttcgt
cgcggttcgt	gtcgttgcgc
agaaccatta	ctggctgagc
gagggaggcc	ttcgaggcca
cgcatagatt	cattgcggac
cacccttgga	ttttatggat
cctgagtcgt	actgtagctt
gaactgaaaa	gtgtgaaaat
actgtagctt	gtgtgaaaat
gtagtctgca	tatcgaatat
cctgtcctgt	ggtttcatta
cacagatgat	atthttgaagg
taagtatgag	atacttgatg
ttgccaaaa	atgaaagaaa
actactaaaa	atgaaagaaa
ccgggatttt	actactaaaa
ctcacgcctg	taatcccaac
agttcaagac	cagcttggcc
gctgggtatg	ttggtgcagg
cgctgaacc	tcagaggcag
taccagcc	

<210> 4012
 <211> 831
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(418)

<223> similar to gi2204215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4012

aaaagattac	ggcctgagga	tagcttcatg	agtgtttatc	caatgcagac	tgaacatcat	60
caaacacctc	ttgattataa	cacgcaggta	acatggatgt	tagctcaaag	acaacaagag	120
gaagcaaggc	aacagcagga	gagagcagca	atgagctatg	ttaaactgcg	aactaatctt	180
cagcatgcca	ttcggcgtgg	cacaagccta	atggaagatg	atgaagagcc	aattgtggaa	240
gatgttatga	tgtcctcaga	agggaggatt	gaggatctta	atgaggggat	ggattttgac	300
accatggata	tagatttgcc	accatcaaag	aacagacgag	agagaacaga	actgaagcct	360
gatttctttg	atccagcttc	aattatggat	gaatcagtag	gtttaattta	aatgtaccct	420
aggattgcaa	aatcagaagt	ataggcagtc	tctcagtttg	aggttgaaga	cctggggcag	480
catactgaga	atagatgaaa	acagctggat	gtgagaaaaa	gaggcaggca	ggcaggattt	540
cagtggggagg	ggaagagagt	gctgcaatag	tgttgacaga	ttagaaaagt	acttttgaat	600
cctggctgac	tgggacttga	atattaagga	atttggactg	ttcttccagg	tttgactgtg	660
tcttcaatgg	gttgcccatt	gaaagatttt	aaataaggta	atggcatgat	cagaattgtg	720
tttcagaaag	atttccttga	catttatgga	tgggacagaa	tgaatgaggg	gcgtcatata	780
aaggcatggt	gaaaaataat	gagaacttga	ccaaaggtcg	acgcggccgc	g	831

<210> 4013

<211> 458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(145)

<223> similar to gil407780 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4013

tccttttgtt	ttcagaagtt	tctttggggg	caactacatt	atattcactg	aggaagagga	60
gcagctaagc	aggaagatga	tgaagtactg	ggccaacttt	gcgagaaatg	ggtgagacag	120
cacacccctg	cctcaacctc	cccgattggg	ggacttgtgc	ccatccagtg	ctctcctagt	180
ctgggggtgac	ctcatgagca	cacccgcac	cttcatcaca	tgatggcccc	ttccccagct	240
ccgggaccca	ctcagacagg	gtgggggtgc	gtggggcagt	ggacacgctc	tatctctcca	300
gtctacctgg	aggggtggcg	ccagtgtgtg	gccaccgtca	gggcctccct	ctcagagaga	360
gggacacaac	agagctggct	ggcctcccc	aacccccact	ggtgcgtgca	ctaaccagag	420
ggagcttatt	tacttgttct	tggagcgctc	ccactcac			458

<210> 4014

<211> 479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (478)...(197)

<223> similar to gi487853 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4014

ggaattcgcg	gcaggtggga	cgagccccac	agccccctcc	tcaaaaacga	ccacctccag	60
gactcagtga	tccctggggg	gcaggctctg	ccagccctcg	gccacacgtg	gctccggcac	120
ccatggtccc	agtgccttgg	atggagacgg	ccagttcttg	cggccagatg	tggtgctctg	180
gaatccagtc	ccatttcctt	cctggccacg	cctgtccagc	ggcctcttca	gccgcattca	240
gcccctactt	acctggggac	cccggctggg	gcacgagagt	accagggggg	tagggcccaa	300
agggatcagg	ggaagcctct	ggcctggagg	gtatggggca	cgcttcccca	agggcggacc	360
cggcaggagg	aagcccagga	gctgggtcct	gccgcccagg	agctggggcc	tgccacccag	420
gccgggctag	ggacatggca	gggcctgggc	atactgacgc	tggacttgag	cgacctggg	479

<210> 4015

<211> 1029

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1028)...(800)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4015

catttttctg	cctattcact	gtttttat	tttagtgga	agataagttt	ttactctttt	60
taatcagtag	ggtttggatt	ttggagatgg	ctgtcatatt	caggtcagag	gcagttgact	120
tggtgctgat	gcttgtttca	gcttgtttct	ttccattttc	ctccagagta	aagaaaagat	180
tgaaaaacta	aaactccaag	ctgaatcctt	ctgccagcgt	ttggggaaat	accggatgcc	240
ctttgcctgg	gcaccataa	gcttatcaag	cttcttcaat	gtctccaccc	ttgagaggga	300
ggtaactgat	gtggactctg	tggttgggag	aagctcagtg	ggtgaacgga	ggacattggc	360
ccaatctaga	aggctttctg	aaagagccct	ctccttggag	gaaaatgggg	ttggatccaa	420
cttcaaaacc	tccactctga	gcgttagcag	ctttttcaag	caggaaggag	atcgccttag	480
cgatgaagac	ttattcaagt	ttttagctga	ctacaaaaga	tcatcatcct	tacagagacg	540
agtcaagtca	attccaggct	tgctaagact	ggagatttct	acagctccag	agatcatcaa	600
ttgctgtctg	actcctgaaa	tgctgcccgt	gaaacccttt	cctgaaaacc	ggacacgccc	660
gcacaaagag	atthttggaat	ttccaacacg	agaagtatat	gtccctcaca	ctgtgtacag	720
gtaagaaaca	caggctcggg	ctgggcgtgg	tggcttacac	cataatccca	taactttggg	780
aggccgaggg	aggaggattg	cttgagctca	ggagtttgag	accagccttg	gcaacatggc	840
aaaaccgtgt	ctctacaaca	tatacaaaat	ttagctgggc	atggtggtgc	atgcttgtaa	900
tcccagcaac	ttggcaggct	gaggcaggag	aatcgcttga	acccaggagg	cagaggttgc	960
agtgaGCCaa	gattgcacta	ctgcactcca	gcctggggaga	cagaaccaga	ctctgtctca	1020

<210> 4016
 <211> 1907
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(1322)
 <223> similar to gi6002189 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4016

attctgccac	acctagcttg	ctttcataag	cagatctgat	tccagatgtg	atgccccac	60
aagccttggt	tcatgatgac	gatgagatgg	aaggcgatgg	agtcatagac	ccagggatgg	120
agtacgtccc	acccctgct	gggtcagtag	cttctgggcc	agtggttggg	ggcagaaaga	180
aggtcagagg	ccctgaacag	ataaagcagg	aggtagagag	tgaggaggaa	aaacccgaca	240
ggatggatat	tgacagtga	gacacagatt	caaacacatc	tttgcaaaca	agggctagag	300
aaaagaggaa	gcctcagctg	gagaaggaca	caaagccgaa	agagcccagg	tatactcccg	360
tgagcatcta	cgaggaaaag	ctgctgctca	agaggctgga	agcttgctcc	ggtgctgttg	420
ccatgactcc	ggaagctcgg	agactgaaac	gcaaactgat	tgtcagacaa	gcgaaaaggg	480
ataggggatt	accacttttt	gacttggatc	aagttgttaa	tgctgctctt	ttgttagttg	540
acgggattta	tggagccaaa	gaaggaggaa	ttccagact	tccagctgga	caagccacgt	600
acagaaccac	ctgtcaggac	ttcagaatcc	ttgaccgata	ccagacttcc	ttgccgtcca	660
ggaagggatt	tgcacaccag	accaccaagt	ttttgtatcg	cttggttagga	tcagaagata	720
tggctgtgga	ccagagtatt	gtcagccctt	atacctctcg	gatcttgaaa	ccttatatca	780
ggcgtgatta	tgaacaaaag	ccacccaaac	tgcagctcct	gtcacagatt	cgttcccacc	840
tgcacaggag	cgaccctcac	tggacgcggg	agcccagcgc	acctctcgat	tactgttatg	900
tgcggccaaa	tcacatccca	acgatcaact	ccatgtgtca	ggagtttttt	tggcctggca	960
ttgacctgtc	tgagtgtctg	cagtaccacg	acttcagtgt	tgttgctctt	tataaaaaag	1020
tcatcattgc	ctttggcttc	atggttcctg	atgtgaaata	caatgaagct	tacatttcat	1080
ttctgttcgt	ccaccctgaa	tggagaagag	cagggattgc	aactttcatg	atctatcatc	1140
tgattcagac	ctgcatgggc	aaggacgtaa	cccttcacgt	ctcagcaagc	aaccccgcta	1200
tgctactgta	ccagaagttt	ggattcaaga	ctgaagaata	tgtattagat	ttctatgata	1260
aatattaccc	attggagagt	acagagtgtg	aacacgcatt	ctttctgagg	ctccggcgct	1320
gatgcgaata	cagctcacag	agaaacgcac	gtgctattgg	agaacaggtc	tttgtggaga	1380
tctaaaggca	gtgattgatt	tcacagggag	ctctaattct	tgtgattaca	tggctccttca	1440
aactcccaac	caaagtgaga	aaagcggcat	gcagtgaaat	gagcagttag	cagcccttta	1500
gcaaaatcgc	cctccagctc	ttcctggaga	tgcttccagc	cagcatccca	gactccacag	1560
ttatttatga	acgatgtcgt	gattctccct	ccacctgaca	gtttgtaaga	gtgaaagagc	1620
atctaacctg	atgctcttgg	agagagataa	cctgtctgtc	ataacttaaa	ggatgagaaa	1680
atgtggtgta	gctattaaag	attcatgcag	tcccaaaagg	cactgtcctg	ggatgatgag	1740
agattataag	gtgatttcat	aaaaggaatc	caaccctgtg	cccgccatt	gatgtgttgt	1800
cattgaatcc	aggaggattt	ctagggcact	gaagttttgt	tgtttctttt	gctgactttg	1860
gttacagtca	gaaaaaataa	actagatggt	tgtgtctaaa	aaaaaaa		1907

<210> 4017
 <211> 721
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(709)
 <223> similar to gil237256 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4017
 ggaggcagga ggttacagat gttaacaaag tctctgaggt cattcaagga aaagaagaga 60
 gtccagcaca attttacaag ggactatgtg aggcctatcg tatgtatact ccctttgatc 120
 ccaatagccc tgaaaatcag cgcattgatta acatggcttt agttagtcaa agcaccaaaag 180
 atattagaag aaagcttcag aaacaggctg ggtttgtgag tatgaatact tcacagttat 240
 taaaaatagc cagtcagatg tttgtgagta gagatgtggc aggccgtaaa gagagccgca 300
 aagaaagcaa gtgccaagcc cggcaaaaaca cctatctgct agctgcagct attagaggag 360
 ttccccgaa gggggcagag aaggggggac cctgggaaaa acactcagtc tgaccaaccc 420
 atgctgcag cataaccag tgtgcatact gtaaagaaac agcgcatagg aaagacaagt 480
 gccctagtt aaaagagaaa caaatggct ctgagccaga ggtttcaggc aaggatgaag 540
 gggccttggt taatctagca gaagggttac tggactgagg gggaccgggc tcagggtgcc 600
 ccaatgagcc catggtcaag atgacagtca ggagcaagga cattgagttt cctgtcaata 660
 cttatctga acattcagta gtaaccaccc cagtcacccc ctctctacct ccaagaataa 720
 a 721

<210> 4018
 <211> 1110
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (932)...(176)
 <223> similar to gi4980521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4018
 tttttttttt ttctgtctg taaccatcag atttaatttt aaaattttatt aggcagtagg 60
 caaacagatg ttggggtaga tgacctaaaa gggttttctt ttggaataat attttttaaa 120
 aaatcaaata actgttatca ctttaagttg catgagcctg aagctgcacc tggagaggaa 180
 ttttaatttc atgacatgca aaactgatta ggcagtgaac tctttcctcc cgcttcccct 240
 gaacacattt ataaacttca acgggggtga attccatcta atactttgaa aaccattttct 300
 catctcacag tttacccaaa tcatgtgcat gactgcaaga ggaaataaac aagaaatctt 360
 taagcataga taagccacaa tggatagtta atcttgtaca gacaatccag cattaaggct 420
 aatttgatct tttaaacatt ttatgggaaa cagctgttga gttttctcta gaaaagccca 480

caaggttcca	taacccata	ggcatacagc	ctcgacaggc	agggctccat	caggctcctc	540
ttgaactggg	cactccttca	cggaaggcag	gaatgcacgt	gtcttcactt	cctgctgctc	600
tgcacgcacg	tcacgatata	tggcagaagg	tggtttctgt	tttccttggt	gacattaaac	660
accttcacat	cctttctgtt	tctgatttct	tctacaagag	ccagtggcct	tccttttagga	720
actgggattg	tgccaaggat	tatagtccct	ggggtagaca	gcgtctgacg	aacagcttga	780
atgaaaagct	gactgaagag	ctccatcttc	ccaatctcat	cgatgacgca	cactctttgc	840
cctggggccac	tgctgcagtc	ggcattcctc	aagacgggta	gtgccaaactg	ctcaaaagaa	900
gtcaggtcga	ccacatactg	cccaactcgg	cattcacgtt	ttccaggtgg	aggctctaac	960
ctggggggccc	cgtaggaac	acgtgccggg	ccatactggt	gggcgggggt	aggggttgcg	1020
gtcaggggag	cagtccaggt	tggggtcgca	attcaggtca	ggtccggacc	agggtcgcga	1080
ctcaggaccc	gccaccgcc	cacgtgccga				1110

<210> 4019

<211> 1657

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1616)...(1258)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4019

gcggaattcc	ccctgcctgt	cccaaggagc	taattctgag	cctgctccct	ttctaagccc	60
agagtccaga	atgtactctg	cctcagcctc	tcacatcctc	cacaagcatg	gacatctggg	120
gcatgagaag	gcagttatgt	gaggctgtaa	gaaaggatgc	tgtgtctata	aatgaatccc	180
ggtcctctca	cacagcctgc	cccccgccct	caggaccccc	ctgctaacct	ccatggcacc	240
tcaaagacag	gccctgggca	ggggtcctga	gctgggtttc	aacccctccc	cctaccatct	300
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agtgggtggg	gctggggagg	agcaggccga	ggccagctgg	tggcgcccag	tacctttgcc	420
actctgactt	cagctgctgg	atgcgagcct	cggactcctg	tgtaggaaga	agggacaaat	480
acaagaaata	ctcatctcag	aaattggtgt	tccagagtag	gatctgctgt	ctgttagcgt	540
ctttgcttaa	ccacaccctc	gcccgaagtc	tcttgacccc	tgacgaaaa	atcaaactgg	600
cctccttgtc	aaagccctca	tgagtctcgt	ccatgtctga	cacactgagg	tatctgttca	660
cccacactca	gcacatgcac	accagcatga	caggccgctg	tgccctggca	caccccaggg	720
agccctgca	cagctctcca	actaaggggt	cgggggtcaa	acagagaagt	cagaggaggg	780
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gaacatgttg	gatggggtca	ggacccagtc	acaggccctg	agtgccgcaa	gcccgtgac	900
ctgggaggcc	cggacgatct	tcttgaagag	gtcttctgag	tcttgctgat	gctctgctct	960
cagggcagac	agttcttctt	gtgagacggg	agtgagagga	caggttggac	agagccatgc	1020
ttatagggac	cctcatgact	aggaagtggc	ggaactggaa	ttcaaacaag	gtctgtttgc	1080
ttccagagcc	ctggctctca	gccttctctg	aaccacgcaa	gactcccgt	tcagctccac	1140
tgcacacctc	tgcggtgtca	ggtaccatgc	tggggctttc	tactcgaca	gctcactatg	1200
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gcagatcact	agaggtcagg	agttcgagac	cagcctggcc	aacttggtaa	aaccctgtct	1380
ctactaaaaa	tacaaaatta	gctggatgtg	gtgggtgcacg	cctgtaatcc	agctactcgg	1440
gaggctgagt	gaggcaagag	aatcgcttga	acctgggagg	cacaggttgt	agtgagtcga	1500
gatcacgcca	ctgcactcca	ggctgggtga	cagagtgaga	tattgtctca	aaaagaaaaa	1560

```

aaaaaaggaa aaaaggagaa ggggagtacc tgcaaaaggg caaagctgtc tgatcccaaa 1620
tgacacttgt tctctctgct gctgggcacc ttcacgc 1657

```

```

<210> 4020
<211> 1714
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (203)...(273)
<223> similar to gi3115996 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4020
tttttttttt ttgacaagtt tgcaagtttt attgaattaa tggctggctt tcacagatgt 60
taatcactgg cgggcggttg aataggggga acaggaaaat gctctccaga gggtccact 120
gaagcccttt catctgccct gcccacccc accactgaag ccagaggtca tgggagttgg 180
gatctaacta cactctgtga acttaccacc acccattcca tcccacagcc catattttat 240
ttgggactag gccactgatg cccggggccct tctcttcca gtaggggtggg aggggtgggag 300
gtggggacac ggaccaaccc tcaaggaaag aaaagaggtt aaggtggggg gttttgctga 360
atgtctaaga aatgtcagtg gaacagggct ggggcacggt ggctcacgcc tgtaatccca 420
gcactttggg aggccaaggc aggtggatca cctgaggtca ggagttcgag accagcctgg 480
ctaacatggt gaaaccccat ctctactaaa aatacaaaaa ttagccaggc gtggtggcag 540
gtacctgtaa tcccagctac ttgggaggct gagacacagt ctgctctgt ggcccaggct 600
ggatggagtg cagtggtgca atctcggctc actgcaacct ccgcctcccg gggttaagca 660
aaattatcct gcctcagcct cctgagtagc tggattacag gcaggcacca ccacgtccgg 720
ctaatttttg tatttttagt agagatgggg ttttgccatg ttagccaggc tggctctgaa 780
ctcctgacct caggtgatcc gcctgccttg gcctcccaa gtgctgggat tacaggcgag 840
agccaccacg cccagcctct gcttcgtgag ttttctttcc cctgaggcac cctctgagtt 900
ctccacgtgt cagacccatg tccaatgcac cacgctcctt cttcacacc atgaaagccc 960
cgaagtaaga cggggtacca tcacgcagtc gaaccaggcg ttcacccagc acacggacga 1020
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cccgggagct gctgggtggc cgctccgagg gtgactgctg gctgaccaac agctccagct 1140
cctcggggta gcgggggtgt cgcttgtaga ggccgtgggt gatggtgctg gccaggccca 1200
gcgggcagcc cacaccgccc agctgcacct tggagtagat gtagtagtag ccagctttgg 1260
tgaccacaag ggccccatcg tggtagctga ggccccctag gaaggccagg cccagctgag 1320
tctcccataa cagcgcccc ccgctgccgg tcaagctgga gttggcccc gtgagatgcg 1380
ctgctgggtt gacctcgtga gaccttcgct cttgtatcag ctgctcccag gagcctgcag 1440
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agccttggac ggccagccca gccccatca gcaacagcaa gagaccaga cccaccggg 1560
ccacactgca cgactgtctc cgggtggctt gtcccagcct cgtgaatggg atgtcggctc 1620
gtccatccac cacaacact gagggccgta cgacactctc ctccatgccc aaggtctctg 1680
gagcagggtg gacacgcctg ggtccttcaa cctc 1714

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```

<210> 4021

```

<211> 2053
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(1055)
 <223> similar to gi545998 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4021
 tttcgtcggtt tccggtggcg gcggaggctg cactgagcgg gacctgcgag cagcgcgggc 60
 ggcagcccgg gggaagcgtc cgggaccatg tctggagaac taccaccaaa cattaacatc 120
 aaggaacctc gatgggatca aagcactttc attggacgag ccaatcattt cttcactgta 180
 actgacccca ggaacattct gttaaccaac gaacaactcg agagtgcgag aaaaatagta 240
 catgattaca ggcaaggaat tggtctctct ggtcttacag aaaatgaatt gtggagagca 300
 aagtacatct atgattcagc ttttcacctt gacactgggtg agaagatgat tttgatagga 360
 agaatgtcag cccaggttcc catgaacatg accatcacag gttgtatgat gacgttttac 420
 aggactacgc cggctgtgct gttctggcag tggattaacc agtccttcaa tgccgtcgtc 480
 aattacacca acagaagtgg agacgcaccc ctcaactgtca atgagttggg aacagcttac 540
 gtttctgcaa caactgggtc cgtagcaaca gctctaggac tcaatgcatt gaccaagcat 600
 gtctcaccac tgataggacg tttgttccc tttgctgccc tagctgctgc taattgcatt 660
 aatattccat taatgaggca aagggaactc aaagtgggca tcccgtcac ggatgagaat 720
 ggggaaccgtc tgggggagtc gggaacgct gcgaacaag ccatcacgca agttgtcgtg 780
 tccaggatc tcatggcagc ccctggcatg gccatccctc cattcattat gaacactttg 840
 gaaaagaaag cctttttgaa gaggttccca tggatgagtg caccattca agttgggtta 900
 gttggcttct gtttgggtgt tgctacaccc ctgtgtgtgt ccctgtttcc tcagaaaagt 960
 tccatgtctg tgacaagctt ggaggccgag ttgcaagcta agatccaaga gagccatcct 1020
 gaattgcgac gcgtgtactt caataaggga ttgtaaagca gagaggaaac ctctgcagct 1080
 cattctgcc a ctgcaaagct ggtgtagcca tgctggtgag aaaaatcctg ttcaacctgg 1140
 gttctcccag ttacggaaac cttttaaaga tccacattag ctttttagaa taaagctgct 1200
 actttaacag agcacctggc gtgggccaag tgccgtgatac tcccttacac tgaatcatgt 1260
 tatgatttat agaaatacct ttctgtagc ttttatagtc attgtttttc aaagacgata 1320
 taccagccct caccaggtt ttaaaaaaag cactggtagg catagaatag gtgctcagta 1380
 tatggtcagt aaatgttcta ttgattatca atcagtgaag aaagaaatct gtttaaaata 1440
 ctgaattttc atctcactcc cattgcaa atcaggagatc tcagcagtga actgggaaaa 1500
 tacaaaagct ctgggcta at ctataaaaac ttaccctgaa atattaaggg cagtttgctt 1560
 ctgatttggg gattgcgcta gcccaatgaa ggtgatgaag cttttggatt tggagggtaa 1620
 aagctccttc acacccttc caaaagtcag tcacagacca ctgcaacatg ccttccctgc 1680
 tggatcatta tatacattca gattgtgagt ggattgcctt ggttgacttt taatttattg 1740
 ttttttgttc ttataaagat gataatctta ccttgagttt attgacttta tattcaatta 1800
 tttacatcaa ataataaag aactgaaatg tacaaatgtc aaattttgga agtatattca 1860
 ataccaatgc tgtatgagtg ggctgaatcc agttcattgt tttttttttg gtaagaagtg 1920
 agactacagt tccagctacc tacatgtctt ttcttgtcat ccttatagat ctctttggct 1980
 ttcagaaaga tacagtgata atccgtgtat gaatcagttc caatgaattt aaattagata 2040
 ttgaaaaaaa aaa 2053

<210> 4022
 <211> 397
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(163)

<223> similar to gi854637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4022

cccagattgc	cctacaagca	gagaagatga	atcatcacc	ggaatggttc	aatgtataaa	60
acaaggtcca	gataactctc	acctcacgta	actgtggtgg	actgatcaaa	agagatgtga	120
agctggccac	gtttattgaa	aaagcagctt	cttctgtgtg	atttcttcca	aaatacatgt	180
aaaatcttac	acacatctta	gctgcaacgt	aggctgaagg	caatttacgt	gaacaaattg	240
agttgttctt	aaggcatcat	ctctagaggc	agaaaaaaaa	ataacaattt	aagttatgta	300
aatttagttt	gcctttatat	actatgtttt	gtaaaatcag	tgcttatata	caaatgatt	360
aaacttgaaa	aaaaaaaaagt	gagaccatgc	tagtggtg			397

<210> 4023

<211> 2127

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(174)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4023

cctgcctcag	ccttccaagt	aactgggatt	acaggcatgt	accaccatac	cagctgattt	60
ttttgtattt	ttagtaaaga	cagggtttca	ccatgttagc	caggctgac	ttgaactcct	120
aaactcaagt	gatctactca	cctcagcctc	ccaaaatgct	gggattacag	atgtgaggca	180
cctggcctca	gatttttgat	actcttaaac	cttctgatcc	ttagtttctc	tctccaaaat	240
actctttcta	ggttaaaaaa	aaaaaggctc	ttatatttgg	tgctatgtaa	atgaaaatgt	300
tttttaggtt	ttcttgattt	aacaatagag	acagggtctc	cctgtgttgc	ccaggctggt	360
ctcgaactcc	tgggctcaag	agatecctcct	gtctgggccc	tcgcaaagtg	ctaagtagga	420
ttacaggcgt	tagccaccac	acccaggctg	taaaaatgta	cttattctcc	agcctctttt	480
gtataaacca	tagtaaggga	tgggagtaat	gatgttatct	gtgaaaatag	ccaccattta	540
cccgtaaagac	aaaacttggt	aaagcctcct	gagtctaacc	tagattacat	caggcccttt	600
ttcacacaca	aaaaaatcct	ttatgggatt	taatggaatc	tggtgtttcc	ccctaagttg	660
aaaaacaact	ctaagacact	ttaaagtacc	ttcttggcct	gggttacatg	gttcccagcc	720
taggtttcag	acttttgctt	aaggccagtt	ttagaaaccc	gtgaattcag	aaaagttaat	780
tcagaaattt	gataaacaga	attgttattt	aaaaactaac	tggaagatt	gttaagttct	840
ttctgaatta	ttcagaaatt	atgcatcatt	ttccttcaag	aatgacaggg	tcagcatgtg	900
gaattccaag	atacctcttg	acttcctctc	aagctccgtg	tttggtcagt	ggaggcccat	960
ccgagctcag	cactgagaag	tgtagtttct	tttgggaccc	atctaccctg	accacatcat	1020
gatgttcac	tgcagctgtt	gcaagggtgt	cagattgtat	aaacataaat	gtcacaaaaa	1080

ctttaaaaga	agtgcaattc	tcaaaagggt	aggtggacta	aagcattctg	taaagcaact	1140
gctaataatg	agcttacagt	ggatttgaat	ttgaaaaata	tagtaacaag	cctgtcaaact	1200
atctgcaaga	actatggaat	aaaactactg	atgcagtga	gacagttgaa	aagatcaaac	1260
aaatgccaa	ctatatattt	aatgaacaaa	ttcaagaaaa	aggactacgg	aaagttcagg	1320
acatcaaaga	agtcaggcaa	aactcatctt	gacccctggt	gcaggcaaag	gaacgcagct	1380
ggaagaaaag	atgatataac	agttaacagg	atgcagacat	ggcagagggt	tcctaaaaat	1440
ctcattatct	ataaccattt	ctatatattt	atttgaaaat	ctcctttgga	gacttagaac	1500
ctctaaatta	ttgacttatt	ttttatataa	gggcactccg	atgaaagggt	attacaaaaat	1560
catctacatt	gctgtctaca	aaacagataa	tatggatggt	tgatcgcatc	tcattgttaa	1620
ctctttactg	atatgtttgt	aaatacagaa	gtgaaatgtg	gacataaaat	agttacgcta	1680
tttggttaat	ggtactagac	aacatgtaat	taatgacatt	caaaaattta	tggctagtga	1740
tatatataaa	gtaaaatttt	ctttgcagta	aaatatgccc	tttattatag	aaggagggat	1800
ataaggaacc	aacagtttgt	atgaaaatag	ctcaaataat	atcttttatt	ttgattttta	1860
tattttcttat	tttggtttat	tagtgtctta	gaacaaaatg	gccttatata	atgaagccta	1920
gttatgctgg	actgttttga	tctcttttaa	ttgttctgac	agatagttgg	ggatgagagc	1980
cgaataagg	ttgcctgaaa	taactgacac	tatataattt	ctgctttggc	aaataactaag	2040
ttctaacttg	tcattcctgg	tagaacaagc	tttatttttc	gagcctagca	atgatctaga	2100
agcagatggt	atctcagtcg	cttttgc				2127

<210> 4024

<211> 478

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature.

<222> (52)...(338)

<223> similar to gi204175 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4024

tttcgtcaga	gatagcagag	cgccgagttg	gggccacgaa	ggcgtgaggg	gagtcgtcgt	60
ccctcctgca	cgaaagcgtc	taagccttgg	cgacgccgcc	ctgggggacc	cacgtcaggc	120
ctgggatagg	gaccgctgtc	cccgggtccc	taccaatgtc	gcccgtcgtc	cccggcccag	180
ctctaccgcg	agagtctgat	ggcagcggcc	actctgagga	cgccaactca	ggtgagtgcg	240
gcgtcttccc	gtcctcacac	accttcccc	acccacgttc	taaagccatc	agtgaggggc	300
gcctgctcga	gtccccgcgt	cccagggtcg	gggacactga	ggcgttcgtg	ggtggggccc	360
tttttttgac	actgcgtgtg	acgaggtgtg	ggagagcgtg	acaggcggag	gaaccggcgc	420
gtgcaaagg	tgaggcgcga	ctgagccagg	agaattcgga	aagctgtttt	ctgcaggc	478

<210> 4025

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (852)...(397)
 <223> similar to gi3483017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4025
 cccttgtaat ccctgaattt ctccgcttgc atcagagata ctcccttacc tgatgctgag 60
 gtatagcaga aaaacccaat gataatagtg tgtagggttca cagtagactt taagtattgg 120
 ccattgggct gaacaacttc taaaaagcag gccagggtgaa ttccatgaga ttctaagtga 180
 gtaggatgag tttcaaggac ctccctgccc agacacatcc cattgctata ctgggtttga 240
 ctcaaccatt tgccgggaag taatcacatc tcctaacata gcgctctgac attcaacctg 300
 acttcagtcc ttcttaggtg gtattttaatc acgtaattaa ggagaactgt ttaacatcaa 360
 gctcttctgc tggctctgaaa agacctgagt gtttattttac ttaagcctga aagttgatta 420
 ttcattggtg tgagttctcc cagagtggcc ctaggcatcc ggggactggg acttaggtcg 480
 aggagatctt gagatggggc agaaggctca ctggtagtat tgggtggcttc cttctgggtc 540
 ttatttttgct ccaaaatcct ttgttgggtt ctagtaaacc tctcatatcc aaggatagca 600
 ttattcaaat cctcattcac ctgaattagc tcaacagtta catcttcgtt ctccaccacc 660
 acaagcaggt ccatgatcct ctctgcac tcctgacctg ttttatagag ttacgcaga 720
 agctctatgt cttcatgggt ttcagaccca ggagtaattc tcctcaatat ggcggataat 780
 catcgcaaat tcattttcac catatccaat tcactgtgca gttttccaat ctgttctggg 840
 accaatgtaa c 851

<210> 4026
 <211> 841
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (630)...(134)
 <223> similar to gi4240227 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4026
 tttttttttt ttacaaaatg tgtatattaa tagctttgca caaatatttt aaagacaaat 60
 tcagctagtc taagaacttc atgaaaataa aacagggtgga taaatacttc atgtgcacaa 120
 tgcactccat cagacgtcgt cggtctgggag aggaggtatg ttgatccttg gccttgtgaa 180
 gaatgctatc ttctccctaa aggtctgcac ttggatggggc tctttgtggc tctgcccacg 240
 cagctggtag atctccttgg aggccttctt cagcatcttc tcagccgcct gctcatgacg 300
 gtagtcaagt ttggtctgtc ttgtctgccc ctccgacctc cgcagcaggc cacggagccg 360
 ctctgcccga agcaccacag gtgggaggtc agtctggcca cggagctggg cgtcctccaa 420
 ccgctgccgc agctcacgga gggcgcagag ctctcattc agctgcctct gccgtgttct 480
 cgacgcctgg agatccagct ccaagtccag ggaggtgcgg gccatgagct cagccaggga 540
 agacctgcat gactgcaaga gacgccagct gtgagccctc actcaggcct tctagaaggt 600
 tcttccacaa ttaataggag acaggctcag cacacgtatt tctctaagca cgcccaaggt 660
 taaaaaacac agatgtgggg aagagaaatg taaatctcta gttcagtatc aaggttagta 720
 acagcaaatt gtttttcttt aatgatgacc tatgtattgg cagaaatgtg cagcaacaga 780

tgctcttata tggggctggc aggatcaaaa atggaacaat ctttatgaag ggccatttga 840
g 841

<210> 4027
<211> 2109
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2110)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1036)...(685)
<223> similar to gi4185944 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4027

ctcactctgt	tgcccaggct	ggattgcagt	ggtgcatct	cggtcactg	caacctctga	60
ctcccgggtt	caagcgattc	tcctacctca	gcctcctgag	taactaggac	tacaggcgtg	120
agccaccaca	ccctgcta	ttttgtactt	tttagtagag	atgggtgccg	agaccagctc	180
cgtgtgcgga	gaccagctcg	gttgtggaga	ccctaacc	gcgttgctag	aggaattaaa	240
gacacacaca	cagaaatata	aagtgtggag	tgggaaatca	gggggctgac	agccttcaga	300
gctgagagcc	tcaaacagag	ttttaccac	atatttattg	acagcaagcc	agtgataagc	360
attgtttcta	tagattatag	attaactaaa	atgggaaaca	aagggatggg	ccaaaacaaa	420
ggtatggg	ctggctagtt	atctgcagca	ggagcatgtc	cttaaggcac	agattactta	480
tgctatgggt	tgtggttcag	gaaccccttt	aagcggtttt	ccgccctggg	gataggccag	540
ggtgttcctc	gctctcattc	cggtaaacca	cagccttccc	ancatggg	ttatggccac	600
catggaacat	gtcacagcgc	tgagaggat	tttgtttatg	ggccagtttt	gggggcca	660
ttatgtccag	atttgggggg	cctattcccc	agcatatccc	ccttcttggt	tttgagggc	720
aataaaagca	aaggcagctt	tatcacgggtg	agctacttct	cgcaggagtc	aggatctgca	780
tctgcagact	acacaaagac	aaacaacaca	gattaaaagc	acaatcatca	ttgaaatcac	840
agagcttcca	agtgttttca	tccattttta	tgggttacta	gctgctaatt	tgtctgcagc	900
tcctttaagg	actccagttc	ctggcattaa	ggtcagggtg	gcctgggatg	ctttaaatat	960
ttgttctttt	aattttgcca	tatccaaaaa	caagtttgta	gagtgtcctt	ctagatgctt	1020
ttttattctt	tcccaaattt	tgatcttatt	aacagacatt	aatagtttcc	acaaatcctt	1080
atgttttagct	tctacagtgg	accatatcat	ttgaggttga	ggtgccacta	taccgccag	1140
tttccagata	atgggaactc	ttgctgtatt	tcttaccatt	tctaccatct	gactgttttg	1200
ttcagaccag	ctgaacatag	tgtggctgtg	gcacacagac	tgacaggtgc	aattcaagct	1260
aaacatcccc	ttaggggacc	aatcaataat	gattccatag	gaattgttgc	acagcacctc	1320
tgctgttttt	gcaatgcaat	cttcccaaac	aaatacattc	attatttcta	gccaggtcca	1380
attctgttta	caaatagggt	tttgagggca	gtatacctca	attacaggag	cagatttatt	1440
atggtaaata	cggagaccag	aaagcatgtg	taactgtgtc	atagagtgat	tacatccagg	1500
cattattgcc	agccaagatt	gataaatacg	cccaataagt	ataattgtcc	tctgtgccag	1560
cccttggtga	aggaatactc	atggcaatgg	tgatcaccac	tatcatagct	atcattaaat	1620
tactcattgt	gactgggtgt	cccactttcc	ttagggtttc	ttctgccatc	tgtgacagct	1680
tcttgatctg	tccccaggta	ggtggctgcg	ttcgatgggt	gttgctcggtg	acagttgggg	1740
tccccctcag	cgtcagtcctc	aacatggctg	caaccagggg	atcctcgga	tcctcccaga	1800

atctattcct	cagcatcagg	ctcatgataa	ggtttcaggt	gcctegatga	tatccaaatt	1860
ggcagttgat	ttggtccacg	gggattgctt	aagagtactc	aggtgtcctc	cagcttagtt	1920
ccacgttctc	caaccgtcgc	tctggcgacc	cttcaaccca	ggttcgagcc	ccatgtatgg	1980
acaccatttg	ctgagaccag	ctcggttgtg	gagaccctaa	cccagtggca	ctggagcaac	2040
tcagcactac	ctgcagcggc	gcagctcctc	gtgccgaatt	cgtgcagccg	gcgaagnn	2100
cgagtctcc						2109

<210> 4028

<211> 358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (360)...(179)

<223> similar to gi558846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4028

agtaaacaca	atttttagtat	cttttatttc	actaaattgg	aatgctgcta	ttacaggaca	60
aataaagaca	ggtgatgtgg	ccacccaaac	accaccaaca	tagctcttta	gtaggttata	120
ttgcaagctc	taatgtattc	cactatatga	acacagtcag	attctatttc	ttcatcaaaa	180
agtgttgttg	gaagttgtca	gatgtattta	aatatagaac	ccctattcaa	tggttaggag	240
atgagagagc	agcagagatg	gaaaagaaac	tttataaaaag	tattctgaaa	atctgcccc	300
tttctccata	atgttcatgt	ttctcatgct	gagagtagct	gtgtactttg	ggtgttgg	358

<210> 4029

<211> 1155

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1156)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (90)...(528)

<223> similar to gi4972686 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4029

gcggccgcga	agcgtgcgca	ggctccggcc	gctgcgctgc	agatggcgga	aatggatccg	60
gtagccgagt	tccccagcc	tcccgggtgct	gcgcgctggg	ctgaggccct	tctgcgatgt	120
tttacctggc	tgcggtgtg	tcagatttct	atgttcctgt	ctctgaaatg	cctgaacaca	180
agatccagtc	atctgggggc	ccactgcaga	taacaatgaa	gatggtgcca	aaactgcttt	240
ctcctttggt	taaagattgg	gctcccaaag	catttataat	ttcctttaag	ttggagactg	300
accccgccat	tgtaattaat	cgagctcgga	aggctttgga	aatttatcag	catcaagtgg	360
tggtggctaa	tatccttgag	tcacgacagt	cctttgtgtt	tattgtaacc	aaagactcgg	420
aaaccaagtt	attgctatca	gaggaagaaa	tagaaaaagg	cgtagagata	gaagagaaga	480
tagtggataa	tcttcagtct	cgacacacag	cttttatagg	tgacagaaac	tgaagtaaaa	540
agcccttata	ggatcaaaaa	ttgttcaggg	ctcttagaga	tggtgaaaac	tacaaaaaaa	600
accatggctt	tcatatggac	agataaaatg	aaagaaaggg	aaaaggcagt	ggtgtgtagg	660
caaatatggt	ttggcatttg	tcttttaatg	acacctgata	tgatgtcatt	ttgattttga	720
aattgaacac	tagaactggt	aatcaccttt	aaaaagaaga	gcttattggg	aattatatat	780
tccttaaaat	atacatgggg	gcctgaatgt	cagccatctt	tatactatag	aaaaaggatt	840
atggatgcat	gaatggtcac	gctttggaga	tcaaataattg	gttgaatgcc	tatgtatgtc	900
aggccctgtg	ctgagccatg	aggattaaaa	agatgaataa	acatatcttg	tttaggaaat	960
ggatgtataa	aaaaatcaag	tgcaataaag	tgtgtgtcca	aaagctgaca	caatggaaaag	1020
gatgttttgt	tttgtttgaa	atztatcaaa	tatagtagta	ggaaagaagg	atacctccct	1080
gaagatagat	tgtagaatgg	ngagcttttc	actgcattta	ctttttgctt	cttattgtaa	1140
attcacctca	tgttt					1155

<210> 4030

<211> 1355

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (274)...(558)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4030

tttcgtgctt	gctgggatca	tgccggggaa	tcactgcgag	ctcctgccgc	tgccccgtgg	60
caggctcggg	gcgggggttg	ggtggcttct	tgtgcctccc	ttaaagcgcg	gggctcagcg	120
tcctggccca	gcgccccagc	agcagggtcca	agtgggtccg	gctctacagc	ggcggcacct	180
acttctctac	cactgggcag	acgccgctgt	gtcaggaccc	gaaatccttc	ctgtacctct	240
tgagccaggc	cgaccccgac	ccggactcgg	acaagacgga	gttttggtct	tggtgcccac	300
gctggagtac	aatggcacia	tcttggtcca	ccacaacctc	tgccacctgg	gttcaagcga	360
gtctctctct	tcagtctcct	gagtagctgg	gattacaggc	atgcaccacc	acacacagct	420
aagttttata	tttttagtag	agatggtttc	accatgttgg	ccaggccagt	ctcaaaactcc	480
tgacctcgtg	atccgcccac	cttggcctcc	caaagtgtcg	ggattacagg	tgtgagccac	540
cacaccagc	caattagggc	tgtcttacia	aaaaaaaaaac	caccacgaac	ctttgcgaga	600
atcgagcgca	gcctgtgctg	gttgtgtaag	ccgtgggaca	cacgggaaag	ccaggaagaa	660
gaggaagagc	acccccacac	cccaccgcg	tgaagaagag	caacccact	ccccgccgt	720
gggaagaaga	gcacctcac	gccgggcccc	caggaagaag	agcaccacca	cgcccgcccc	780
gcagcatccc	gctggcttcc	tgccacctc	tcctcaccca	tcttagaggc	atggccgggc	840
tggggcatct	ttccctcctt	gggcaggatg	aaacaggcgc	ctatttaatc	gacagagacc	900
ccacctactt	tgggcctgtg	ctgaactacc	tgagacacgg	caagctgggtg	attaacaaag	960
acctcgcgga	ggaagatgat	accacgagtc	aacccaaaag	ttgctgggga	gaagttgctc	1020

tttaatgaat	tgcattctcat	gaatgtatca	ggctgtgacc	tttctgcact	ctctaagtga	1080
ttcatgaatt	taggccaatt	atggccacaa	atgctgctgc	tgtcacagag	agatgccgga	1140
taaagaacac	ccaccaccag	tctctgaaca	gggaggggag	aatcaactct	gaatgtgatg	1200
tagtggccag	gagagaggac	catgttcaac	aacggccacac	agatgcaa	gacttggttc	1260
ttcaacaaac	tgcaagggaa	aaaataaaaa	tgggggaagc	tacagattaa	aatacatgtg	1320
tttgatagg	agagtattta	atggcaaaaa	aaaaa			1355

<210> 4031

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(668)

<223> similar to gi3170548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4031

cgtggtggaa	ttcccagagt	gcttagctct	tgtgcaccgc	cctcaccccc	tgtactagct	60
gatggatacc	aagtccactg	accggaagat	gacactgctt	catttcacgc	ccttgacaga	120
gaaggagaaa	taccagacc	tggctaactt	ctggcatgag	ctgcactttg	ttgagaaggc	180
tgcagcagtg	tccttgagga	acgtgctgct	ggacgtgaag	gagctgggccc	ggggcatgga	240
gctgattcgg	cgtgagtgc	gcatccatga	caacagcgtc	ctccggaact	tcctcagtac	300
caatgaaggc	aaactagaca	agctccagcg	ggacgccaag	acggctgagg	aggcctacaa	360
tgcagtgtg	cgctactttg	gagagagtcc	caagactaca	cctccttctg	tattcttccc	420
agtatttgc	cgattcattc	gttcttataa	ggaagcagaa	caagagaatg	aagcccgcaa	480
gaagcaggag	gaggtaatgc	gggagaagca	gctggctcag	gaagccaaga	aactggatgc	540
caagacccca	tcccagcggg	acaagtggca	acagcaggag	ttaatagcag	agttgaggcg	600
gcgccaggcc	aaggaacacc	ggcctgttga	tgatgtcctc	gatggtacca	tccttcccct	660
cataaacagg	ccggtgttcc	ttggcctggc	gccgcctcaa	ctctgctatt	aactcctgct	720
gttgccactt	gttccgctgg	gatggggtct	tggcatccag	tttcttggct	tcctgagcca	780
gctgctacga	aa					792

<210> 4032

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (371)...(593)

<223> similar to gi1872200 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4032

ttttttcaca	aattataata	ttttattata	gaaaaagggg	gccccaaatac	aggatttcgt	60
aaacactggg	aggtgaacaa	gtgcaatttt	aaaagtaaat	acaaagtaga	ggcaaaacct	120
acaagcattt	tgccttcaga	agaaaatcgt	aatgtttctc	tgcactagt	atccccacca	180
gaacacaaat	gtggctccat	ctcccatgaa	agcatcatat	ttgctttctg	agctcagtat	240
tcccattttc	ataattgcaa	agtgatggca	agaagtggca	ctgaatacat	tactacaaac	300
ccttgactta	aaatattgag	acaggggtctt	gccctgtcat	ccaggctgga	gtgcagtagc	360
atcatcatgg	ctcactgcag	cctcatcctc	ctgggcctcaa	gcaatcatcc	tgtctcagcc	420
tcttgagtgg	ctgggaccac	aggtatgcac	taccatgtcc	atgcctggct	atTTTTTTaa	480
TTTTTTacgt	tgccaggcc	agtctgaaac	tcctgacctc	aagtgatcct	cccaccttgg	540
cctcccaaag	tgctgggatt	accggcatga	gccactgcac	ccagccaaaa	cctttaattt	600
TTTTTTTTct	TTTTtgagat	ggagtcttga	aaaacaaaaa	cgaaaacaca	acctgagatg	660
gaccatgtga	gcaggtgata	ccatcagggg	gtgctcagtg	tgttctaaaa	atcgagtggt	720
ctggcacaca	gcaaaagctt	cacaaatata	caccaaataa	ccaaggaaaa	taagtaacaa	780
acattatgcc	tgcattgctaa	ataaattcac	agataatctt	caaaataacc		830

<210> 4033

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(453)

<223> similar to gi192260 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4033

gcggccgcac	gctggagccc	tacccgttgg	tgatcgcggg	ggagcacaac	atcccggtggc	60
tgctgagcct	gcccggctcg	gggcgcctcg	tggagggcga	ggtctacgcg	gtagacgagc	120
ggatgctgcg	ctttctggat	gacttcgaga	gttgcccggc	cctgtaccag	cgacgggtgc	180
tgcggttaca	gctgctggag	gaccggggcc	cgggcgcagc	aggagccgcc	agcgcccacc	240
gcggtgcagt	gcttcgtgta	cagcagggcc	accttcccgc	cggagtgggc	ccagctcccg	300
caccatgaca	gctacgactc	cgagggggccg	cacgggctgc	gctacaacct	ccgggagaac	360
agataagggg	gacgggcagg	gtgggcctag	gtttgagagc	cctggggctc	caagatgcgc	420
ccagcccatt	ctgggtgaag	gcggaagccg	aacaggggcc	tttccaatga	atctgccgga	480
aaggaaccaa	tctttcagtg	gcagctgatt	ttacaaataa	tgttgagata	cgaatagcaa	540
ggtgcttccc	tcccatcttt	ctacctggta	agaaaaattt	aggattttta	ctcccctaaa	600
tgacatttag	agaactcgtg	ttatgcctaa	ttcttcttcc	tcctcgtgtt	gtttctgctg	660
ttggctctgc	tttgagctca	agataatatt	taggatcagt	gtaaagactt	ggtgttgccg	720
ctagatttta	gcagccctac	tatactgatt	ctggcctgta	acctctgaga	aagccgattt	780
tacacggctg	ggtagaattt	gtagaaaaga	tccacagggc	aagcatgctg	tatatcagag	840
tgcgtatagc	accattcttc	ctaattttca	gatcaagctt	cacagcaaatt	attaaagatt	900
atttaaattt	gaaccacgcg	gtccg				925

```

<210> 4034
<211> 403
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(179)
<223> similar to gi6015487 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4034
aatacagtgg gtggctgtgg ctgctgcgtt ggtgggtggc gtgtttgtgg ctgggggtggc   60
acctgatgtg gtggctgcag ctgtgggtggc tgtggctgct gcagtggctg tggctgtgat   120
ggtgggtggg gggcgggcgg tgggtgggtggc tgcgggtggc gttgctgctg caagggatcc   180
aacatgactc ctgactttct accattgatg cttgagctct cataagacac cacaccttca   240
ttcagtgagg aagaaatgct ttcactctgg gaattcacag catcccaatc tgacgttgta   300
cccgtgtgac actgtttgtg agccccaagt ttcaacgagc tcttgcaagt aaacggacat   360
tcgtcacatt tgtagacagc tgtctttcca gataagtgga tgt                               403

```

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<210> 4035
<211> 898
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (826)...(231)
<223> similar to gi825667 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4035
tttttttttt ttccagcagg ctaattttgtc tgtttattcc cacaaggtag ccaggggtgg   60
gggcgccgag ccaagcccag caggccatgg gaccttcctc cggcggggtg cacgctggat   120
tttcgggtct gccccaccag caggtttgca ggcaggcctg catgagtgcg ggtggaaggc   180
tccgagggcg tgggcagggg ctcgggcggg gccacacact tgtggagcta gaaatagtgg   240
ggcaggtcct tctctatcac caggggctcc tccatgggtc cgtagcgtct caccacgcag   300
ccgttcttgt cgatgaggaa cttggtgaag ttccacttga tggcatttcc caggatgccc   360
ttgcccttgg gttggatctt catccacttc cacagcgggt gggcgtcgtc cccgttcacg   420
cagatcttgc tgaacatatc gaatttgacg ttgtagcccg cggcgaactc tttgatctct   480
tcgttactcc ctggctcctg cttcccgaac tggttacacg ggaaggccag gatccgcaaa   540
ccacactcag cgtatcgggc gtgcaggtcg acgagctgag tgtagtttac ttcgggtcttg   600
cctcactggg aggccacgtt ggtgacgatg cacacgaagc cccggtactt gtccaggtta   660
accatgtgcc cgtcgatgtc cttggcggaa aactcgtgca tggagcgcgc acagcgccag   720
tcgtcccggg acgcgcacat ggtcccggcc aggccaggcg cggccagagc cccacagagc   780
agcgccggct tcagtaggcg gcaaaggcgg ccgaggctca tcgcggcggg gctgggagcc   840

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<210> 4036
 <211> 2047
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2048)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> similar to gil3009 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4036

cccacctcca	aatatctcat	caacaaccga	ctaataccca	cccaacaatg	actaatcaaa	60
ctaacctcaa	aacaaatgat	agccatacac	aacactaaag	gacgaacctg	atctcttata	120
ctagtatcct	taatcatttt	tattgccaca	actaacctcc	tcggactcct	gcctcactca	180
tttacaccaa	ccacccaact	atctataaac	ctagccatgg	ccatcccctt	atgagcgggc	240
gcagtgatta	taggctttcg	ctctaagatt	aaaaatgccc	tagcccactt	cttaccacaa	300
ggcacaccta	cacccttat	ccccatacta	gttattatcg	aaaccatcag	cctactcatt	360
caaccaatag	ccctggccgt	acgcctaacc	gctaacatta	ctgcaggcca	cctactcatg	420
cacctaattg	gaagcaccac	cctagcaata	tcaaccatta	accttccttc	tacacttatc	480
atcttcacaa	ttctaattct	actgactatc	ctagaaatcg	ctgtcgcctt	aatccaagcc	540
tacgttttca	cacttctagg	atagtcagta	gaattagaat	tgtgaagatg	ataagtgtag	600
agggaaagggt	aatggttgat	attgctaggg	tggcgcttcc	aattaggtgc	atgagtaggt	660
ggcctgcagt	aatgttagcg	gttaggcgta	cggccagggc	tattggttga	atgagtaggc	720
tgatgggttc	gataataact	agtatgggga	taaggggtgt	aggtgtgcct	tgtggtaaga	780
agtgggctag	ggcattttta	atcttagagc	gaaagcctat	aatcactgcg	cccgtcata	840
aggggatggc	catggctagg	tttatagata	gttgggtggt	tgggtgtaaat	gagtgaggca	900
ggagtccgag	gaggttagtt	gtggcaataa	aaatgattaa	ggatactagt	ataagagatc	960
aggttcgtcc	tttagtggtg	tgtatggtta	tcatttgttt	tgaggttagt	ttgattagtc	1020
attgttgggt	ggtgattagt	cggttgttga	tgagatattt	ggaggtgggg	atcaatagag	1080
ggggaaaatag	aatgatctgt	tcgcttcatt	cattgcccc	acaatcctag	gcctaccgcg	1140
cgcagtactg	atcattctat	ttccccgtct	attgatccgc	acctccaaat	atctcatcaa	1200
caaccgacta	atcaccaccc	aactatctat	aaacctagcc	atggccatcc	ccttatgagc	1260
gggcgcagtg	attataggct	ttcgctctaa	gattaaaaat	gcccttagcc	catttcttac	1320
cacaaggcac	acctacaccc	cgttatcccc	atactagtta	ttatcgaaac	ccatcagcct	1380
actcattcaa	ccaatagccc	ttggccgtac	gcctaaccgc	taacattact	gcaggccacc	1440
tgctcactgc	acctaattgg	aagcgccacc	cttagcattt	tcaaccatta	accttccttc	1500
tacacttatc	atcttccaca	attctaattc	tactgactat	cctagaaatc	gttgtcgtgc	1560
aggtagaggc	ttactagaag	tgtgaaaacg	taggcttgga	ttaaggcgac	agcgatttct	1620
aggatagtca	gtagaattag	aattgtgaag	atgataagtg	tagaggggaag	gttaatgggt	1680
gatattgcta	gggtggcggt	tccaattagg	tgcattgagta	gggtggcctgc	agtaattgta	1740
gcggttaggc	gtacggccag	ggctattggt	tgaatgagta	ggctgatggt	ttcgataata	1800
actagtatgg	ggataagggg	tgtaggtgtg	ccttgtggta	agaagtgggc	tagggcattt	1860

ttaatttttag	agcgaaagcc	tataatcact	gcgcccgc	ataaggggat	ggccatggct	1920
aggtttatag	atagttgggt	ggttggtgta	aatgagtgag	gcaggagtcc	gaggagggtta	1980
gttggaattc	caccactctg	caataggtat	ctcagtggn	tcaaaatntt	ttnttctgct	2040
taaaaaac						2047

<210> 4037

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(1157)

<223> similar to gi3478637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4037

acgtgcggaa	ccggtccgga	gttcccggcg	ggacccacgc	gtacgctacg	tgcgagcggt	60
tgttcgcgtc	tttaccggcc	aggccaaggt	caaggcctca	gccaggaagc	aggcgctggg	120
gttccagggt	gtgggctgcg	gggccttcca	ccttcagcgt	ctcggcaaag	cgtcaggagt	180
ccccagcggc	cgggccaagt	tctctgcagc	ctgtggtccc	cctgtgacct	ccgagtgtga	240
acactgtggg	caacgacacc	agcttggtgg	ccccatgtgg	gcagagccca	tccatgacct	300
ggattttgtg	ggccgtgtcc	tggaggctgt	gagcgctaac	cccggccgct	tccacacctc	360
ggagcggatc	cgaggggtcc	tgagcgtcat	cactgaggag	ctcccggacg	tgctctgtga	420
ctacaccctg	gaccagctga	gcagcaccat	ccactgcaac	acaccaagcc	tcctgcagtt	480
gcggtcggcc	ctcctccacg	ctgacttccg	ggtctcactc	tcccacgcct	gtaagaacgc	540
tgtgaagacg	gatgcccctg	cctctgccct	ctgggacatc	atgcgttgct	gggagaagga	600
atgtccggtg	aaacggggagc	gactatcaga	gactagccca	gcgttccgca	ttctcagtg	660
ggagcccagg	ctgcaggcca	acttcacat	ccgggaagat	gccaacccca	gctcccga	720
gcgaggactc	aagcgcttcc	aggctaacc	ggaggccaac	tggggtcccc	ggcctcgtgc	780
ccggccaggg	tgagtgtgtg	taaggtgggg	gtggggctca	gccagggaaa	gaaggggtaa	840
agggcagatg	gggtcccacc	tactcctccc	ctcgcacagg	ggcaaggcgg	ccgacgaagc	900
tatggaggag	agacgcaggc	tgcttcagaa	caagcggaag	gagccgccgg	aagatgtggc	960
ccagcgggct	gcccggctca	agacatttcc	ttgcaagagg	tttaaggagg	gcacctgtca	1020
acgcggggac	cagtgtgtgt	actcccacag	ccccccgaca	cccagggttt	ctgtgatgc	1080
tgcccctgac	tgtccagaga	cctccaacca	gacccccct	ggacctgggg	ctgccgctgg	1140
gccaggcata	gactgaacca	ataaagagat	gtcacgtcac	cttcaaaaaa	aaaa	1194

<210> 4038

<211> 986

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (978)...(331)

<223> similar to gi818014 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4038
atcatctttt ttgatacttt tttaaaaagc tcaaaatgag gaacataaaa tactatcaag    60
taatcaacag aacattcaat gtgtataaag atttttttta aaatacgttt aaaaagagag    120
ccagggaatt caatttacat tttagaccat ttaatggagg tatttggtgc acatgtggtt    180
ttagtgtaac gtaaacacaa catctctccc cagaaacact taacctgagt tggaaatgaa    240
atatgaactg aagagattct taattcacac atacacttct cctcaaaata ttagcaatga    300
ttccaactga ggattctgct tgaagttcag gactcggtcc caggacagga atgaaggaaa    360
actcctgca gttcgaacgc tctgctgaag tcaaaggact gcacctgcgg gctcttaatc    420
agagctagct tcctcaaaca cccgcggaac gaggtctggc tgcgcaggca ttttgcttc    480
acaccagcag gatagccacc aacataaatg ggattgttg tgtccactga ggtagactgg    540
gtgtgtggac tttcagcgcc aactgcgttc cgtcaacaa tcagagtga acggtgtttg    600
cttttgtag cttgaagagt gtgccatttt ccacacaga gcacagtggc ggttttgggc    660
tcatatgcag ctgttatcct gccagcacca ttgttgacat ggaacaagac cttgccgtcc    720
acaagctcta gtccaatggc atccactttg gcagtgtga tccccaggag gacgccattc    780
tgcgaggagg ttcgaaactc cagtgtgatg ttcacatctg actggacttt gtagccctct    840
ttgactgtaa cacacaagga ggacccaagt cagggtgagc gctgccaggc ccaggttgag    900
catttggcct cctggctagg ggttggggga cctggctcta gctcctcct tggatccagc    960
tgcaccccca ccagcaggtc actcct                                     986

```

<210> 4039

<211> 1084

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1047)...(476)

<223> similar to gi2944066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4039
tttcgtgcgg aggagctgct cttggagggg aagaaggcgc tgcaactcgg tgagtgcact    60
gcgatgtccg cgacctcaa ccttgcccca ggtggatctg acgctctgtg gtcagctttc    120
tcctcagtct cctctcctcc ggatcccagg atcctccagt gccctcagag tcgctggggg    180
cttctgaaga gcccttgagc ctctcaaaa ctttcagggc cctccttaga gccctcacct    240
gtccctcggg ctccgcaggc ccacctggac ctgcggtttc ctccacact tttccccacc    300
tcccaccttc ttgggtggct ccctcactgt ctctccttct ctctgcagcc cgcgagccgc    360
gcctgggcct ggacttagga tggaaccctt cgggagaagg ctgtacgcag ggcctcaaag    420
acgtccacc cgagccgacc cgagacatcc tcgctttaa gagccttccc cggggcttgg    480
cccttgcccc ctactcgcc aaggaacagc gcttgggggt ctggtgtgtc ggggaccccc    540
tgcagcccgg cctgctgtgg gggccgctgg aagaggagtc tgcctccaag gagaagggcg    600
agggagtaaa gccacggcag gaggagaacc tgtcattagg cccatgggga gacgtgtgtg    660
cctgtgagca gagttctggc tggactagct tggtaaacg gggcaggctg gagagtgagg    720
gaaatgtggc ccagtgcggt atcagcgaga ggcttcatct gcaagtgtac cagctggtgc    780

```

tgccaggctc	tgaactgctg	ctgtggcccc	agcctttctc	tgaggggccca	agtctcacc	840
agcctggggt	ggacaaagag	gcagctgtag	cagtggagtc	tgctgtacag	caggaagtgg	900
cctcccctgg	ggaggatgca	gcagaacctt	gcatagatcc	tggttcccag	tcacctctg	960
gcatccaggc	agagaatatg	gtgagccctg	gacttaagtt	cccaacccaa	gaccgaattt	1020
ccaaggatag	ccagccactt	ggcccattgc	ttcaggatgg	cgacgtggat	gaggaatgcc	1080
cggc						1084

<210> 4040

<211> 1893

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (57)...(1158)

<223> similar to gi2739107 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4040

cagcagcgcg	caggtectca	ccatagctct	ggtggccacc	tctgtcccgc	catgctgctc	60
accgacagt	gccaggggccc	acagcaccaa	gaggcttggg	ccacaaagta	aagggtcgcg	120
gagcctcgcc	ggccggccatg	tggagctgca	gctggttcaa	cggcacaggg	ctgggtggagg	180
agctgcctgc	ctgccaggac	ctgcagctgg	ggctgtcact	gttgtcgctg	ctgggcctgg	240
tggtgggctg	gccagtgggc	ctgtgctaca	acgccttgc	ggtgctggcc	aacctacaca	300
gcaaggccag	catgaccatg	ccggacgtgt	actttgtcaa	catggcagtg	gcaggcctgg	360
tgctcagcgc	cctggcccct	gtgcacctgc	tcggccccc	gagctcccgg	tgggcgctgt	420
ggagtgtggg	cggcgaagtc	cacgtggcac	tgcagatccc	cttcaatgtg	tcctcactgg	480
tggccatgta	ctccaccgcc	ctgctgagcc	tcgaccacta	catcgagcgt	gcactgccgc	540
ggacctacat	ggccagcgtg	tacaacacgc	ggcacgtgtg	cggcttcgtg	tgggggtggcg	600
cgctgctgac	cagcttctcc	tcgctgctct	tctacatctg	cagccatgtg	tccaccgcgc	660
cgctagagt	cgccaagatg	cagaacgcag	aagctgccga	cgccacgctg	gtgttcacgc	720
gctacgtggt	gccagcactg	gccaccctct	acgcgctggg	gctactctcc	cgcgtccgca	780
gggaggacac	gcccctggac	cgggacacgg	gccggctgga	gccctcggca	cacaggctgc	840
tggtggccac	cgtgtgcacg	cagtttgggc	tctggacgcc	acactatctg	atcctgctgg	900
ggcacacggg	catcatctcg	cgagggaagc	ccgtggatgc	acactacctg	gggctactgc	960
actttgtgaa	ggattttctc	aaactcctgg	ccttctccag	cagctttgtg	acaccacttc	1020
tctaccgcta	catgaaccag	agcttcccca	gcaagctcca	acggctgatg	aaaaagctgc	1080
cctgcgggga	ccggcactgc	tccccggacc	acatgggggt	gcagcaggtg	ctggcgtagg	1140
cgccccagcc	ctcctgggga	gacgtgactc	tggtggacgc	agagcactta	gttaccctgg	1200
acgtcccca	catccttcca	gaaggagacg	agctgctgga	agagaagcag	gaggggtgtt	1260
tttcttgaag	tttctttttt	cccacaaatg	ccactcttgg	gccaaaggctg	tggtcccctg	1320
ggctggcatc	tggtctgagt	ctccccgagg	cctgtgcgtc	tcccaaacac	gcagctcaag	1380
gtccacatcc	gcaaaagcct	cctcgccttc	agcctcctca	gcattcagtt	tgtcaatgaa	1440
gtgatgaaag	cttagagcca	gtatttatac	tttgtgggta	aaatacttga	ttcccccttg	1500
tttgttttac	aaaaacagat	gtttcctaga	aaaatgacaa	atagtaaaat	gaacaaaacc	1560
ctacgaaaga	atggcaacag	ccagggtggc	cgggccctgc	cagtgggcgg	cgtgtgctag	1620
caaggcctgc	cgggtgtgcc	gcagtcacca	cagggttctg	agaacatttc	acagaagtgc	1680
ctgagacgcg	gagacatggc	tggtgttaaa	tggagctatt	caatagcagt	gacgcgctct	1740
cctcagccac	caaatgtccc	tgacaccctc	cccagccccc	acagataaca	tcagctgagg	1800
tttttttcag	tatgaacctg	tcctaaatca	attcctcaaa	gtgtgcacaa	aactaaagaa	1860

<210> 4041
 <211> 1341
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1342)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(413)
 <223> similar to gi5262748 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4041

gaagccacca	gtgcctccca	agcccaagct	caagtccccg	ctggggaagg	ggccggtgac	60
cttcagggac	ccgctgctga	agcagtcctc	ggacagcgag	ctcatggccc	agcagcacca	120
cgccgcctct	gccgggctgg	cctctgccgc	cgggcctgcc	cgccctcgct	acctcttcca	180
gagaaggtcc	aagctatggg	gggaccccg	ggagagccgg	gggctccctg	ggcctgaaga	240
cgacaaacca	actgtgatca	gtgagctcag	ctccgcctg	cagcagctga	acaaggacac	300
gcgttccctg	ggggaggaac	cagttggtgg	cctgggcagc	ctgctggacc	ctgccaagaa	360
gtcgcccatc	gcagcagctc	ggtgagcagg	gcggtgcggg	gagggatccg	tgccttgctc	420
gtggccccgt	ctgtcattcc	tcttgtctgt	tctctggctc	tcctgttcc	ccttggtctg	480
ttccattcct	tctgtggcaa	cccccaaccc	gccccgcga	tcacctctg	aatctggtct	540
tgcttggcct	gcccagagaa	ggaggttctt	ctgggcgtct	gacacgtcag	ggttgctgct	600
cactgtgtcc	ctgttggtgc	cagaagtggg	agctgggctc	ccctcagaga	ctcaggttgg	660
gcatgaggcg	cctccatggc	cctcctggag	gctcttggcc	ccagggattc	ctgtgagttc	720
tctctctccc	tcccagacaa	ggctgtcttt	accattaagg	gttgttttgt	gttttacttt	780
ggaggtacgc	ctccctcctc	ccatcctctc	tgtggccatg	tggctgcccc	gtgtggctga	840
taccctctgc	cttacagctg	cctcctgcct	tgttccctct	ggcggttgg	agcacactga	900
ctccttttct	tttgggggat	ctgccactaa	ctccctatct	cccatcccag	aaacatttgt	960
ctcttggcac	caccttagaa	tcccttaaac	atggattccc	gtgtgtcatt	tctaaagtgc	1020
agtaagaaga	tagatggaag	tcacgccatc	tccctgcact	ccatctgccc	tcttgccctc	1080
tccccaccac	ttccccgtct	gtcctgcccc	tgcccagaag	gatctgagca	ggggcctggc	1140
ttgctgctga	ggctgtcaca	gctgccagag	ccctgggctg	atcccatagg	tctttccttg	1200
aggacccgac	tccaagggt	ccttccaaag	aggagccctt	cgggcccgctg	ggctgcatgg	1260
atgtggcg	cagagctggt	catccccac	ccgccccct	gtctgccttt	ntaaaagctg	1320
ctttgccttc	tgtgccccta	a				1341

<210> 4042
 <211> 1904
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (160)...(1185)

<223> similar to gi5817164 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4042

```
cccaggcaag gaggtgctgg ggatggggaa tgttcacagg tgaacaacag cagtggtttt      60
tcaacttctt ttcatcagc agaaactatt tacaacagg gtttcatatg gacccccaat     120
atagaagtca gataaggga tgaaccaggg actggggggc cagggcccta gggctcagcc     180
tcctcctcag ccacgaagc catgtgactg ctgggctggg gatcgaaggc agagcctggg     240
tctgaagcct agagctggaa gctggctgag aaggctctgg aagcccagct ccctggattc     300
ccctcgcccc ctcagtgtc cgtgcggtgc ggccggggcc agagaagccg gcaggttcgc     360
tgtgttggga acaacggtga tgaagtgagc gagcaggagt gtgcgtcagg ccccccacag     420
ccccccagca gagaggcctg tgacatgggg ccctgtacta ctgcctgggt ccacagcgac     480
tgagagctcca agtgtcagc cgagtgtggg acgggaatcc agcggcgctc tgtggtctgc     540
cttgggagtg gggcagccct cgggcccagg cagggggaag caggagcagg aactgggcag     600
agctgtccaa caggaagccg gcccctgac atgcgcgctc gcagcctggg gccctgtgag     660
agaacttggc gctggtacac agggccctgg ggtgagtgtt cctccgaatg tggctctggc     720
acacagcgta gagacatcat ctgtgtatcc aaactgggga cggagttcaa cgtgacttct     780
ccgagcaact gttctcacct cccagggccc cctgccttgc agccctgtca agggcaggcc     840
tgccaggacc gatggttttc cagccctggg agcccatgtt ctgcctcctg ccaaggggga     900
acgcagacac gggaggtcca gtgcctgagc accaaccaga ccctcagcac ccgatgcctt     960
cctcaactgc ggccctccag gaagcgcccc tgtaacagcc aaccctgcag ccagcgccct    1020
gatgatcaat gcaaggacag ctctccacat tgccccctgg tggtagaggc ccggtctctgc    1080
gtctaccctt actacacagc cacctgttgc cgtctcttgc cacatgtcct ggagcgggtct    1140
ccccaggatc cctcctgaaa ggggtccggg gcaccttcac ggttttctgt gccaccatcg    1200
gtcacccatt gatcggccca ctctgaaccc cctggctctc cagcctgtcc cagtctcagc    1260
agggatgtcc tccagggtgac agagggtggc aagggtgactg acacaaagtg actttcaggg    1320
ctgtggtcag gcccatgtgg tgggtgtgatg ggtgtgtgca catatgcctc aggtgtgtctt    1380
ttgggactgc atggatatgt gtgtgtctca acgtgtatca cttttcaaaa agaggttaca    1440
cagactgaga aggacaagac ctgtttcctt gagactttcc taggtggaaa ggaaagcaag    1500
tctgcagttc cttgctaate tgagctactt agagtgtggt ctccccacca actccagttt    1560
tgtgccctaa gcctcatttc tcatgttcag acctcacatc ttctaagccg ccctgtgtct    1620
ctgacccctt ctcatttggc tagtatctct gcccctgcct ccctaattag ctagggtctgg    1680
ggtcagccac tgccaatect gccttactca ggaaggcagg aggaaagaga ctgcctctctc    1740
agagcaaggc ccagctgggc agagggtgaa aaagagaaat gtgagcatcc gctccccccac    1800
caccgccccc agcccctagc cccactccct gcctcctgaa atgggttcca cccagaacta    1860
atattttttt tattaaagat ggtcatgaca aatgaaaaaa aaaa                        1904
```

<210> 4043

<211> 1409

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (177)...(695)

<223> similar to gi5104893 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4043
tttttaagtt tgttttggaa ataacagaaa agatatttat tggccaggaa gttggtgctg      60
ctaagaccga gaaattttaa gaatcggaca gatggacgca gagaaccaga gggcaatgtg      120
ggaccttctc ttgccatggc ctcaggtctt gaggggaaggc tcgggcctag gtttctggac      180
tgcaaagggg acccccaggt gggaggggca ggaagcagcc ggagtgaacc cttcgccctt      240
gagtgcctgg ctgcacctc tcgagctgtg ccctgggcat cactgagcag aggggtgctg      300
cagcttcagg aggcagaaac gagaggggtg ggagatccac aggaccaaag ggtgcagtga      360
tggtgctgggt ggcgggcccc gggaaatggg gtggggatgg gctgggtaag acctggccct      420
cccctgctgc cctgaagacc accccagtct acctcggtgc tggccaggaa acctttcggc      480
tacctctccc accatcccag actgtgggca gggggatggg gagggagtgg gcctggatct      540
gggacctccc tccagaattt cctccagatg ggggcagtgc ccaggaggag gttatttgtc      600
ttccctgcc a tggagtggga atccccagcc gagggcctag gcccctcagc aggggaaggga      660
tccccgggga ggcaggtccc aggagcagac cctgccccca gccccacag acacacccca      720
atctgaaagc catgctgtgc ggtgtatata ggaaccatgt acagagccca gagaagcccc      780
ctacatcccc ccgggaaaaa aaagaaaact agacagaaac tcatctatat attctgtatc      840
tggagtcccg ttttgaatat taactgtgtt atttttatac actttttaag ccttaactcg      900
ccattgattt accagtttaa cgtttcctgg ggtttctttg cccatggggt tctctgcccc      960
caccgccggc cctttgtttg acttgctgtc tctgatactc agtattgtag ctttttgtcc     1020
gcatgttact ccctgtaaat acgctgttat acatactgtt aacaccctt tgctttttct     1080
atgggacctc caggccacca tatttagaac tagttacctt attaaaaaag aaaaaaacgt     1140
ctgttggctt ctcatgtctc atcttggagg caggagggtg agggcagggt cccctcagac     1200
acttcaggaa ggtagtgttc attctattta aaaaaggagg tggggagcaa atgaaaatca     1260
aatgtggggg gaacacacta aagggggcaa gaaacaaagg aattacaaac cctctgtctc     1320
ttgtatttct ctgttgtgaa gaataaactg tacctgcacc cggaaaaaaa aaaaaaaggg     1380
ggggccggtt tagaggacct aagcttacg                                     1409
```

<210> 4044

<211> 792

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (790)...(646)

<223> similar to gi4558700 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4044
cagatgggag gatgcctggc tgtgcccag gcgagtgggc attggccatc aggacaggag      60
agaggtggtg tccagtggag acatccacgt agccctgcag gccctcagcc cccaggacca     120
cctcagtttg ggcattgccc ctccccctcc actggggtgc gagtgaaccag gagtgaacca     180
gctgggggaca ggcgggaggc aggacagctc tggagggggc ccaaggctcc cgccccccat     240
ggggggcccag cagcgactcc atcccccgag tcctcccgga caccgccgca cctggggaga     300
ggcgaggagg ggcagggaacc ccagctgctc ccagggtggc agccgtgggc ggaggctctg     360
```

ctgcaggatc	cgggaggccc	agagaaggca	cctgcatttc	acgctgagcg	catctgagga	420
tgcgatcagg	aagcagcccc	ggcactctct	ctttatggat	gcccacttcc	agtttaaccg	480
tgccatcccc	ggggcaaggg	cgccctccaa	gctgtgcttc	actaattccc	tcagggtttg	540
gaactatttg	cccagttccc	acgatgggccc	tttaagctct	cgctccttcc	aacctaaaggc	600
aacttcaacc	atctgataaa	tctaataata	agttacaatc	gaggccgggc	acagtgggtct	660
gtaatccag	caccgtggga	ggctgaggtg	gaaggattgc	ttgagcctgg	gaggtggagg	720
ctgcagttag	ccatgacagt	gccactccac	tccggcctgg	gcaagacagc	aagaccctgt	780
ttaaaaaaaa	aa					792

```

<210> 4045
<211> 783
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(583)
<223> similar to gi3929312 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 4045						
catgcgtccg	attcagcacc	acaggattag	aaccatgatt	tacaggagca	agatggcgag	60
cctgttcccc	catccaatgt	agaagctata	gctgaacatg	cggttttgtc	agaagaagag	120
aatgaggaat	ttgaggctta	ttccccagct	gcagccccta	catctgagcg	ctctctctca	180
ccatccacaa	ctgagaagac	ttcagagaac	cagtctccac	tgttttcaac	agttacacca	240
gaatacatgg	tcctatcagg	agacgaggcc	tcagaaagtg	ggtgttacac	accagactcc	300
acatctgctt	ctgaatattc	agttccatca	ctggcaacaa	aagagtcact	gaagaaaaca	360
attgaccgta	agtccccgtt	aatattgaaa	ggtgtttctg	agtacatgat	tccatcagaa	420
gagaaggaag	acactggatc	gtttactcca	gctgtggccc	ctgcttctga	gccctctctc	480
tcaccatcca	caaccgaaaa	gacttctgaa	tgccagtcac	cactgccttc	tactgccaca	540
tcagaacacg	tggtcccatc	agaaggagag	gacctaggaa	gtgaacgttt	cacaccggat	600
tcaaagttga	tctccaaata	tgagcccca	ctcaatgcaa	cacaggaatc	tcaaaagaaa	660
ataatcaatg	aggcatccca	attcaaacca	aaaggtattt	ctgagcacac	agttctgtca	720
gtagacggca	aggaggtcat	tggaccatct	tcgccagatt	tggttggtgc	atctgaacac	780
tct						783

```

<210> 4046
<211> 1032
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (918)...(501)
<223> similar to gi3877422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4046
tggtttcttcc tttattctta gttcttagct gtgatggatc cttgcaatga aagaattaag      60
aagggcggtt gcggtgggtg acgcctgtaa ttccagcact gtggaaggtc gacgtgggac      120
gattgcttaa gccagggct caaggccagc ctgggtaaca tgaacaattc ttaacgtcca      180
aagataacgt ctttccttaa cgtcgaaaga tgcttggtt tgatattaca gcagtcattc      240
ctgctcacta cgggcaggca gacagtgcag aaaagggtgaa gcacaaaaac taaaaaggaa      300
aatctctcct tgaaccactg cgaacagatc cgagtgcctg ggtactgctg ccagctgggt      360
ggtggagttc tggttgaaca gtgtcccgcc aggtccgaag tggggacacg tctgttggtg      420
gtgtccaccc aactcagcca ctgcaggacc atcttgcgac tctttgatga cctggccatg      480
tttgtctaca ctaagcaata tggcctgggg gcacaggagg aggacgcctt tgtccgctgt      540
gtctccgtcc tagggaacct ggctgaccag ctctactacc cctgtgagca cgtggcctgg      600
gcggtgatg cccgggtcct ccacgtggac tcttctcggt ggtggacgct gagtacaacc      660
ctgtgggccc tctctctgct cctggggggt gccagggtccc tgtggatgct gctgaaactg      720
agacagaggc tgcggagccc cagggcgccc ttcaccagcc cgctgccccg gggcaagcgg      780
agggccatgg aggcgcagat gcagtcggag gcgctgtcac ttctcagcaa cctggccgac      840
ctggccaacg ccgtgcactg gctgccccgg ggcgtgctgt gggccggccg cttcccgcgg      900
tggctagtgg gcctcatggg caccacctcc tgctgccag ctggcgtctt gtatccaaat      960
caagatgagg aagagggggc ctgtcgtgcc ttgagaaagc tggaaacggga atcaattaa      1020
catttggtg ct.                                     1032

```

<210> 4047

<211> 2843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(1740)

<223> similar to gi4884194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4047
gtaagtgcgg tggaaattcgt gctccatggg aaagatttcc aagtagattg caaagcttcc      60
ggctccccag tgccttagat atcttgaggt ttgcttgatg gaaccatgat caacaatgca      120
atgcaagccg atgacagtgg ccacaggact aggagatata cccttttcaa caatggaact      180
ttatacttca acaaagttgg ggtagcggag gaaggagatt atacttgcta tgcccagaac      240
accctaggga aagatgaaat gaaggtccac ttaacagtta taacagctgc tccccggata      300
aggcagagta acaaaaccaa caagagaatc aaagctggag acacagctgt ccttgactgt      360
gaggtcactg gggatcccaa accaaaaata ttttggttgc tgccttccaa tgacatgatt      420
tccttctcca ttgataggta cacatttcat gccaatgggt ctttgaccat caacaaagtg      480
aaactgctcg attctggaga gtacgtatgt gtagcccgaa atcccagtgg ggatgacacc      540
aaaatgtaca aactggatgt ggtctctaaa cctccattaa tcaatggtct gtatacaaat      600
agaactgtta ttaaagccac agctgtgaga cattccaaaa aacactttga ctgcagagct      660
gaagggacac catctcctga agtcatgtgg atcatgccag acaatatatt cctcacagcc      720
ccatactatg gaagcagaat cacagtccat aaaaatggaa ccttggaat taggaatgtg      780
aggctttcag attcagccga ctttatctgt gtggcccga atgaagggtg agagagcgtg      840

```

ttggtagtag	agttagaagt	actggaaatg	ctgagaagac	cgacatttag	aaatccattt	900
aatgaaaaaa	tagttgcccc	gctgggaaag	tccacagcat	tgaattgctc	tgttgatggg	960
aaccaccac	ctgaaataat	ctggatttta	ccaaatggca	cacgattttc	caatggacca	1020
caaagttatc	agtatctgat	agcaagcaat	ggttctttta	tcattttctaa	aacaactcgg	1080
gaggatgcag	gaaaatatcg	ctgtgcagct	aggaataaag	ttggctatat	tgagaaatta	1140
gtcatattag	aaattggcca	gaagccagtt	attcttacct	atgcaccagg	gacagtaaaa	1200
ggcatcagtg	gagaatctct	atcactgcat	tgtgtgtctg	atggaatccc	taagccaaat	1260
atcaaagga	ctatgccaag	tggttatgta	gtagacaggc	ctcaaattaa	tgggaaatac	1320
atattgcatg	acaatggcac	cttagtcatt	aaagaagcaa	cagcttatga	cagaggaaac	1380
tatatctgta	aggctcaaaa	tagtgttggg	catacactga	ttactgttcc	agtaatgatt	1440
gtagcctacc	ctccccgaat	tacaaatcgt	ccaccagga	gtattgtcac	caggacaggg	1500
gcagcctttc	agctccactg	tgtggccttg	ggagttccca	agccagaaat	cacgtgggag	1560
atgcctgacc	actcccttct	ctcaacggca	agtaaagaga	ggacacatgg	aagtgagcag	1620
cttcacttac	aaggtagcct	agtcattcag	aatccccaaa	cctccgattc	tgggatatac	1680
aaatgcacag	caaagaaccc	acttggtagt	gattatgcag	caacgtatat	tcaagtaatc	1740
tgacatgaaa	taataaagtc	aacaacatct	gggcagaatt	tatttttttg	aagaagttaa	1800
atcaaaggca	gccataggca	tgtaaataaa	tttgaataca	tttacagtat	taaatttaca	1860
atgaacatgc	aaaataaaaag	gacttgtaaa	taaatgcatt	atgaactgat	gatactgatt	1920
tatttaaatgg	atctcaaaac	aaacttttaa	cttaaggcac	ttttattttg	ccaacaaata	1980
acaataaaca	aacattgaaa	cggttcacta	taaaataaca	aatggctaata	gtacctgaat	2040
ttttcagtaa	aaaaatgaac	ttctaatacc	agttgcccta	gtgtccacct	cctatccaat	2100
gttaccaagc	atggcactcc	agaaccagag	accaatggaa	aatattaaat	ctggcaatct	2160
ttatgatgta	aattttaccat	cctgatgtat	aaatattttg	tggtttataa	atttttttgc	2220
taaaacctac	agaaaataag	cactgaactg	tcttatgatt	caccatttgt	tcacactgaa	2280
aattttcatt	gatggggaat	acaaaaatgt	tttaataact	gcatttataa	ataaatgcag	2340
gctcactttt	ccacatgtaa	aaagcaatgt	aatacctgca	catcataaaa	tgtgaaaagg	2400
gggttatttt	tgtccaaata	caccatttaa	aaaggtttta	aaaatacaat	gaaacttctt	2460
tataacttta	aaatctagct	caggcacccc	tggtttggag	ctgtttataa	ggaaattttt	2520
ctgagcagga	atcgttgctc	tataagcatt	tcatttcatt	aattctttat	gggatgggaa	2580
aatgcttggg	agggtctagg	tctattatat	ataatgaagt	ttcactgtat	ttaaaatctg	2640
atcaatccta	cacaaaatgt	gtttttgtaa	ttcactgaat	ttatattaca	tgcttaattc	2700
aacctgaatt	aattttgggga	atattaaatg	attgatctta	tctaaatcta	ggggtggggg	2760
tttccagtgt	aattttctcca	gcattctattc	aaacattcac	ctagtactta	cttacttaag	2820
aattatagga	gctttataaa	tgg				2843

<210> 4048

<211> 1420

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1420)...(1024)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 4048
tgctcgtggaa ttcgggattt gatttaggct tagctctacc atagaccaag gttttaactt    60
gaaccttact ggggtgctagc ttcccatat atttaattct gtgatctcta gagatccttt    120
aagttctaaa ctagactttt ctaagtagaa gcttaaactt aaaattcaat aacattcaaa    180
aaagatattg aggtatactt taattttcaa aaatatgatt gtaatgttta ttggaatgct    240
cagaggatat tttgtaaaaa gcaaagatat aaaaaaaaca aaggaataac tggattaagc    300
atcaagccta attgggagct gctgggtaag gaggccatga gagattgctc tggagtagct    360
ttgtctttca ggagaaggaa gttatagaac aatgattaat tcttgaaatt gatagaaaaa    420
tatattttaa tatgttttaa aatgtgagta gaattctcat aatgctgggt tggatatata    480
ttgatacatt caattaaaaa aactggtact acctcctaaa attgaaccta tgcatacttc    540
caaaggacag agcagttttg ctctcagata tatcgccaca gaaatgcata cacttggtgtg    600
ctggcagata agcacaagac ttttcatagc atccctattc ataattgcc aaactggaa    660
acagcccacg tatccatcag cagtaaaatg gatgaataaa ttgagttatg tttgctgtat    720
tgcagtgggt tactgtgcaa ctaagaataa gtagttgtgt gcaataacat ggatagatct    780
accaaataa aagaagccag acacaaaata atatatacac tatgatgata gcagttacat    840
tttataaaat acacatgcaa aaacaggcaa aactaattta tgggtgttaga gtatgagata    900
gtaggtactt ctgggaagaa aaaaaggagt tgggagaata tataaaaaata tgactaggta    960
aggccaggca cgggtggtca cacctgtaat accagcactt tgggaagctg agatgggtgg   1020
atcacctgag gtcaggagtt cgagactagc ctgcccaaca tggtgaaacc ccatgtctgc   1080
taaaaaatac aaaattagct ggggtgtagtg gcacatgcct gtaatcccag ctatttgga   1140
gggtgaggca ggagaatcgc ttgaacgcgg gaggcagaag ttgcagtgag ccgagattgc   1200
accattgcac tccagcctgg gcaacaagag caaaactctg tctcanaana nanaaaanaa   1260
aaaaaaaaan aaaagggggc ccccttttaa aaaaaaaca ttttaccccc ccgcgcgggc   1320
gagatttttt ttttttttgg ggccccaaaa aataattttc gggggggcgt tttaaaaaag   1380
gggggggggg aaaaaccggg tggcaaccga taattttgtt                    1420

```

<210> 4049

<211> 669

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (595)...(316)

<223> similar to gi3021398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4049
cttcctggca cgaggagaaa ccacatagct cctgggagat gcctcccaa accctgctc    60
ccagctcaca cttccagaag cctccttcca aaacctcttg ttggacagca cccctttctc   120
ttctcatgcc atcatttagt attccccgta gcaatgactg cccctgacg tggatgtcac   180
ttgtttgcta tctccctac tagaacatca gtcccgggga gcaggatcc tggcctgtct   240
agttcatgct gtctaccag ccatggcat aggccagca cacagcatgt ctgcagagt   300
ggccgaagcg ccacccccac tcaccatgag gttggcattg gcaatgtggt gcttgaccac   360
gccccgccc agaatgatca tcccagtgc cttggcaaag atggcctgtg tgttgatgag   420
cctcaggtcc tcaacgatgt ccaggaccag gcccggttc ttgtaggaat ggaagaagat   480
catgtcgcgc agcgagccgt ctgtaagtgc gggactaaac acagggatgt ggttctgcag   540
agaacatgac aggacagtgg ctggagctca gagcctctc tccatgctgg ctatatgact   600
atctgactgc ggatggcgtg cctaactctc ctaggacttg ctctcatta gtagcatatc   660

```

```

<210> 4050
<211> 1338
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (80)...(248)
<223> similar to gi3002527 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 4050
atttttagta gagacggggt ttcaccgtgt tagccaggat ggtctcgatc tctgacctc      60
gtgatccgcc ctccctcgcc tcccgagtag ctgggactac aggcgcccgc caccacgcc      120
ggctaatttt ttgtattttt agtagagacg gggtttcacc gtgttgcca ggatggctc      180
gatctgctga cctcgtgatc cgccggcctc ggcctccgc agtgctgga tttcaggcgt      240
gagccgccc cgcccgccct ctaggtttt agtaggttg agagctgtg gtctcgcac      300
cttcaccagc caaatccta agtcccttt tatcgtttta accctaagag tcacaggctc      360
tgttacagat cagggggaca gacaagcaca gaaccccat ctcccagcac ccagcctccg      420
agtcagatgc cccccgccct ggtctctcac agctgtgctc actaggcaag cctggccggc      480
ccctccctgg tagcagtga gctgttgatt atgtttgtcg ttgttgcat tcaagttacac      540
aagtgttacc agaatgcagt ctccctttata caaacttaaa agtatgagtt taagcctagt      600
ctcttggtgc ctccaccccc gccattccca gaggggactg ctctctcctg gtggacacat      660
tctacaattt caccaacata gacgccgaca cgccgggcacc tacgtaaaca cacatgcgat      720
gctcatgtaa acaaacatcc atgcacacac tgccaccag gtacacacac ccgagaatgt      780
gtgtgtccct gtacgtgaac ccgagtgtgc ccacgtacac gtacccaact gtcctcatgt      840
acacgtaccc gagtgtgctc acgtatacgt acccgagtgt gtcacgtac acgtaccga      900
gtgtgcccac gttcatgtat ccgtgtgtgt acgtaccga gtgtgtgtat gtgcctgtgt      960
gtacgtactt gagtttgtgc ccatgtacgt gtaccagagt gtgtgtacgt gcctgagtgt      1020
gtgtacgtgc ccaagcacag gcacattgtc cagatccaca taacactcct tctttgcagt      1080
tgcttcctcc acacacagag tgtcccccat ctctccaggg tacacactgc agtgtgggtg      1140
aacatcaaaa gccgtgcagt gagagaagcc aatcacagca ggtccgtgcc gcctgacagt      1200
gttcacatgg aagttcgga aagacggctc tgtagagaca gacagatttg tggtttcca      1260
aggttggggg tgacgggttag gagtcaggat ttctttttgg ggggatgata atgttctgta      1320
atggatcgcg gtgacagg                                     1338

```

```

<210> 4051
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (59)...(528)

```

<223> similar to gi407082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4051
gagcactctg aaggccacag ggtgtccaac agatgaagac agaggagggg ctggcaggcc      60
ccaggcttcc ctctgaacac atcccaaacc tcccactac tctgcagtca gcacccaaag      120
ccccagtcac cgccatctct caccagaca gcagcaacag cgtccagggg acccctccct      180
caccctaacc ccccatccta aatcacagtc caggcttcac gtagcagcca cagggggcct      240
ttaaaaacag agtcagagca catctctcac ctgatgagac cccgcatcag cttcccattg      300
ctcttgagtc gaagtcgaag ccactcatca cagccgagtg cctgggtggc ccccgccagc      360
cgccccctcat cacctgcacc agcctcttgc tgtctccctg acagcagtc cctccctgtc      420
ctaggggggc ttacagccag caacttcttt ccaccccagg actcttgac tgcttccctc      480
cgctcggaag tctcttcccc agccctgcac atagccgcca ccttctcggt cctcactcag      540
ggctcaattc agatgtctct gcctcagggg gcctcctctg accattccca gtaggaccct      600
cctcatccct tggtccagc tgccttgcca gccctggcaa ctcttcgggc tcaaacgggt      660
ggcactgctt tacaatgcac tcaccatgct taaccctaag aaaggcccg      709

```

```

<210> 4052
<211> 1864
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(506)
<223> similar to gi4220590 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4052
cccacgcgtc cggaggagca gcaggagggg ggctttgctt ccccccaggt tgtcaaggtc      60
tagtggaagc ggaagccggc aggaggtggc ccgagcaggg ccgggtcccc gcgccggaca      120
tccaagaaaa ccaagggtga gccctacagt ctacagggcc agcagagcag cctcatcaga      180
gaggacaaga gcaacgccaa gctgtggaat gaggtcctgg cgtcactcaa ggaccggccg      240
gcgagcggca gcccgttcca gttgttcctg agtaaagtgg aggagacgtt ccagtgtatc      300
tgctgtcagg agctggtgtt ccggcccatc acgaccgtgt gccagcacia cgtgtgcaag      360
gactgcctgg acagatcctt tcgggcacag gtgttcagct gccctgcttg ccgtacgac      420
ctgggccgca gctatgccat gcaggtgaac cagcctctgc agaccgtcct caaccagctc      480
ttccccggct acggcaatgg ccggtgatct ccaagcactt ctcgacaggg gttttgctga      540
aaacgtgtcg gagggctcgt tcacggcac tgattttgtt cttagtgggc ttaacttaaa      600
caggtagtgt ttcctccgtt ccctaaaaag gtttgtcttc cttttttttt tatttttatt      660
tttcaaatct atacattttc aggaatttat gtattctggc taaaagtggg acttctcagt      720
atttgtgtta gttctttgaa aacataaaag cctgcaattt ctcgacaaaa caacacaaga      780
ttttttaaag atggaatcag aaactacgtg gtgtggaggc tggtgatgtt tctgggtgtca      840
agttctcaga agttgctgcc accaactcct taagaaggcg acaggatcag tccttctctc      900
gggttctggc cccaagggtc agagcaagca tcttcttgac agcattttgt catctaaagt      960
ccagtgcacat ggttccccgt ggtggcccggt ggcagcccggt ggcatggcgt ggctcagctg      1020
tctgttgaaag ttgttgcaag gaaaagagga aacatctcgg gcctagtcca aacctttgcc      1080

```

tcaaagccat	ccccaccag	actgcttagc	gtctgagatc	cgcgtagaaa	gtcctctgcc	1140
cacgagagca	gggagttggg	gccacgcaga	aatggcctca	aggggactct	gtccacgtg	1200
gggccaggcg	tgtgactgac	gctgtccgac	gaaggcggcc	acggacggac	gccagcacac	1260
gaagtcacgt	gcaagtgcct	ttgattcggt	ccttctttct	aaagacgaca	gtctttgttg	1320
ttagcactga	attattgaaa	atgtcaacca	gattctagaa	actgcggtca	tccagttctt	1380
cctgacaccg	gatgggtgct	tgggaaccgt	ttgagcctta	tagatcattt	acattcaatt	1440
tttttaactc	agcaagttag	aacttacaag	aggggttttt	tttatttttt	ttttctctta	1500
atgaacacat	tttctaaatg	aatttttttt	tgtaggtact	gtatatgtac	caagaaagat	1560
ataacgttag	gggttggttg	tttttggttt	tggatttttt	ttcttttgaa	aggggttggt	1620
taatttttct	aattttacca	aagtttgtag	cctatacttc	aataaaacag	ggatatttta	1680
aatcacatac	ctgcagacaa	actggagcaa	tgttattttt	aaaggggttt	tttcacctcc	1740
ttattcttag	attattaatg	tattagggag	gaatgagaca	attttgtgta	ggcttttttt	1800
aaagtccagt	actttgtcca	gatttttagat	tctcagaata	aatgtttttc	ccagatagaa	1860
aaaa						1864

<210> 4053

<211> 1837

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1840)...(1578)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4053

aatactttct	tttttttaat	ttataggaga	tatagaaaaa	aaatatcatt	tgggtgtgag	60
tccactttgc	gatcgtcaca	ctgaatctat	tgccaacatc	cagattggta	actatacata	120
tttagatata	gctgggttaga	aaaatgccac	tggtttttatc	aagaagggaa	atatatttga	180
aataaaaaat	attaaaatta	tgctcatttc	tattttttaaa	aataatttaa	gaaattttac	240
ccttggtttc	ccttggttatg	gctcttctaa	ttctcattta	atttttaggat	gtaaaaagta	300
tatttttgca	gaacaggcag	cagcaataac	ttgtttctgt	tcttatgtaa	ataagaatcc	360
attattcgct	catgtggaag	cttcttttgc	atcatttggg	actgccattt	aaaaaaggat	420
aggtaaacaa	agaaatgaca	aaaataaaaat	aaataaaaata	aaaatggata	ggtggtgacc	480
cactgagcct	gatcataata	cgaagaccag	cttctgccac	tgccctttcca	gactcttacc	540
actgcctgtt	gattaaatct	aactcttcaa	catcctagac	aggcccttat	aatcttgctt	600
caaatgctgt	gcagccatct	tgccctcaact	tccctctcat	ttgcctacag	catctcgagg	660
cgcttctgtg	tttcccaagt	atacgctgtt	ctttcgctct	ttgtgcctcg	ccagtgcctt	720
ccatgtgcct	cgtagagtta	tttttcttga	agaggcagct	caaatgtcac	cttctccaga	780
agctgctctc	cacttgcttt	aggcagagtc	agtcactttt	cttctagatt	ccaaagtgcc	840
tgatccactt	ggttggtgat	tcctggagcc	tagcaccaca	ccagaagcac	gaggcccttg	900
agaactgtgt	tgagtgaact	aataactgta	ttatagaaag	cataatgaaa	atgtcctgtg	960
actgaagtat	gtgtagcttg	ttgcaggagt	tcacaggaaa	gttgactagg	attgagtgtg	1020
ttgggctttg	ggtataaagg	aggggggattc	tacgggggca	gtagctcaac	aaggaataga	1080
gggaggagtg	taattttggt	agctggtgtt	gaatagggcc	tttgagaatc	agactgaaca	1140
cagtgaataa	tgtgccccaa	gttcagaaaag	atgaagtttc	cagaaactaa	gaaggtagca	1200
caatatgtgg	catcatactc	agaaaggaag	accatgccat	ggggccagaa	attcagaaac	1260
gtaattctta	cattgtgatt	gcaatggata	ctcatggaag	aaagtgggtc	gtggccgatt	1320
tgacttcaga	gtgacaggta	gagaagggaa	gagcgtgtag	aactgtggcc	agacttttag	1380

agtgtgaggg	atgctgaatc	tcccagagag	ctcacactgg	ccaggaatgc	tgagagtagc	1440
agatgctttt	cttttgggag	gatagtaaaa	caatttagaa	ccagatatgc	tttgtcttga	1500
ttctcaagta	gaataatctt	caaatacaaa	agaatacatt	agaaatggac	aaaagtggcc	1560
aggagcggta	gctcatactt	gtaacccagc	actttgggaa	gccgaggcgg	gctgatcgct	1620
tgaggtcagg	agttcgagac	cagcctggcc	aaaatagtta	aactcacggt	tctactaaaa	1680
atacaaaaat	tagctgggtg	tgatggccac	ttggggaggc	gagataggag	aatcgcttga	1740
acctggggagg	cagaggttgc	agtgagccaa	tatcgtgcca	ctgcattcca	gcctgggtga	1800
cagaatgaaa	ctccatcact	ccatctcaaa	aaaaaaa			1837

<210> 4054

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(258)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4054

cccacgcgta	cgcccacgcg	ttcgtcggc	tcaactgcagc	ctccacctcc	tgggttcaag	60
caattctcct	gcctcagcct	tccgactagc	taggattaca	ggcgctgcc	actacgocca	120
gcaaattttt	tgtattttta	gtacagacgg	ggtttcgcca	tggtgaccag	gctggtctca	180
aactcctgac	ctcatgattt	gcctgccttg	gtctcccaaa	gtgctgggat	tacaggcgtg	240
agccaccacg	cccggccata	atctgttcaa	gtttcttagt	tgtagtggcc	tccatttctt	300
tataaaatga	agccattcaa	cattttaagt	ataaggttta	atgcaatgag	atagggcaag	360
ttcttaggtt	aaaagttaat	gttcaaatat	aacatctatt	ttttctttcc	tcagcaaac	420
caagaggaag	ctagatgatg	ccagcaaacg	tttgagttt	ctgtatgata	aacttaggga	480
acagacagta	agttttggag	gaaaaggatt	tatgataatc	atttatcct	agttgctagt	540
aaaacagttg	tcttatcagc	actcccattt	agtatgcatt	ggggcaaaat	tgtcatgaca	600
tttagagg						608

<210> 4055

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (240)...(842)

<223> similar to gi3878402 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4055

tgggtaagaa	ggcctggctg	ttgatgggca	atgctattcc	tgagggtcca	actgcctatg	60
tgctaacttg	ggagcaaggt	cgttatttaa	tatggaatcc	ctgcagtggg	catttttatg	120
gacaatttga	tacattctgt	cccttgaaaa	atgtgggctg	tttaataggt	cctgacaata	180
tttggtttta	tattcaacga	tatgaatctc	cactaaggat	aaattttgat	gtcaccaggc	240
ccaagctatg	gaaatctttc	ttttcaagaa	gccttccata	tcttgccctt	tccagtgttc	300
agcctgaaga	gctaattttac	cagcgctcag	acaaagcagc	tgagctgag	ctacaagaca	360
ggattgaaaa	aataactaaaa	gaaaaaatca	tggactggag	gccacgccat	ctgactcggg	420
ggaataggta	ttgtacctct	actctgcgtc	acttcttgcc	tctgttagaa	aaaagtccaa	480
gggagaagat	gtagaagatg	accacagagc	agaactgcta	aaacagctgg	gagactacag	540
ggttctctgg	atttctctct	cacatgcctt	attctgaagt	gaagccttta	attgacgtg	600
tgtatagtac	tggagtacat	aatattgatg	ttcctaattg	tgaatttgct	ttagctgtat	660
acatacaccc	ataccccaaa	aatgttttgt	ctgtttggat	ctatgttgcc	tctcttatac	720
gcaacaggta	atttttttca	ctgtactttc	tctatcatgt	aaaaactaca	cttaggatat	780
gagaaaattt	taaattatat	gcatacacatc	agaagaacat	attattggca	aataataaaa	840
ttatcaactg	ttttcaaa					858

<210> 4056

<211> 3680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1029)...(1247)

<223> similar to gi4959382 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4056

attgacctgc	tgcggcagta	gaacgagctg	aagtcacccc	acagccctat	ttccttcttt	60
cctgttcctc	accccgatca	cgcttgattt	attgatgggtg	gttcaccag	gcctaatacgc	120
cacacaccag	caaaagcagg	ctatgctata	gtacaagcca	ctagcctgcc	tctcagaacc	180
tctcattttcc	tttccatcgt	ggaaatctat	cctcaaggaa	ataatttctc	agtgttccat	240
ctgctgtttct	actattcctc	agggattatt	caggccccc	cccttcctta	cacatcaagc	300
tcgaggattt	gccccacccc	aggactggca	aattagcttt	attcaacatg	tcccaagtca	360
ggaaactaaa	atacctctta	gtctaggtag	gtactttcac	tggataggta	gaggcctttc	420
ctgcagggtc	tgagaaggcc	accgcagtca	tttcttccat	tctgtcagac	ataattcctc	480
agtttagcct	tcccacctca	atacagtctg	ataacagggtg	agcctttatt	agtcaaatca	540
gccaagcagt	ttttcaggct	cttagtattc	tgtgaaacct	ttatatccct	taaggctcctc	600
catcttcaag	aaaagtagaa	tggactaaag	gtctttttaa	aatacacctc	accaagctca	660
gccaccaact	taaaaaggac	tggacaatac	ttttaccact	ttcccttctc	agaattcagg	720
cctgtcctcg	gaatgctaca	gggtacagcc	catttaagct	cctgtataga	tgtctctttt	780
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cctggcagga	ctatggtgaa	tctccttaag	cactctctaa	tcagacatcc	tgagtcgtcc	1080
caattcttag	accttttata	cctgtttttc	tccttctgtt	attccattta	gtttttcaat	1140
tcatacaaaa	ccgtatccag	gccatcacca	atcattctat	atgacaaaatg	tttcttctaa	1200

caacccccaca	atatcacccc	ttaccacaag	acctcccttc	agcttaatct	ctcccgtctt	1260
aggttccccc	gccgccccta	atcccgttg	aagcagccct	gagaaacatc	gcccattctc	1320
tctccatacc	accccccaaa	aatttcaccg	ccccaacact	tcaacactat	tttgttttat	1380
ttttcttatt	aatattaagg	aaggcaggaa	tgtcaggcct	ctgagcccaa	agccaagcca	1440
tcggcattcc	ctgtgacttg	cacgtatacg	tccaggatgg	gcctgaagta	actgaagaat	1500
cacaaaagaa	gtgaatatgc	cctgccccac	cttaaagaag	tgtaaattgg	cggctccttg	1560
cttaactgat	gacattcccc	cacaaaagaa	gtgaaaatgg	ccggctcctg	ccttaagtga	1620
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gagcacctta	tgacccccac	tctgccccac	tgagcacctt	gtgaccccca	ctcctaccgg	1740
ccagagaaca	aacacccttt	tgactgtaat	tttcttttac	ctacccaaat	cctataaaat	1800
ggccccaccc	ctatctccct	tcgctgactc	tcttttcgga	ctcagcccgc	ctgcacccag	1860
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cgaatttctt	tctcctggct	cagaagctcc	cccactgagc	accttgtgac	ccccgcccct	2700
gcccaccaga	gagcaacccc	ctttgactac	gcccataaaa	tttgggtgcag	tgactgggat	2760
cgggggacct	cccttgggag	atcaatcccc	tgtcctcctg	ctctttgctc	cgtgaaaaag	2820
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aatcagaagg	caggaatgtc	aggcctctgt	gcccagcca	agccatcgca	tcccctgtga	2940
cttgacagta	tacgcccaga	tggcctgaag	taactgaaga	atcagaaaag	aagtgaat	3000
gccctgccct	gccttaactg	aatgacattc	caccacaaaa	gaagtgaaga	tgggcgggcc	3060
cttgccctaa	gtgatgacat	taccttgtgg	aaagtccttt	tctggtctca	tctggtctcg	3120
aaaacaccgc	cactgagcac	cttgcgaccc	ccactcctgc	ccgccagaga	acaactcccc	3180
ctttaactgt	aattttcctt	tacctaccga	aatcctataa	aacggcccca	cccctatctc	3240
cctttgctga	ctctcttttc	ggactcagcc	cgcctgcacc	caggtgatta	aaagctttat	3300
tgctcacaca	aagcctgttt	ggtgggtctt	tcacacggac	gcgcatgaaa	tttgggtgccg	3360
tcactcggat	cgggggacct	cccttgggaa	atcaatcccc	gtcctcctgt	tctttgctcc	3420
atgagaaaga	tccacctacg	acctcaggtc	ctcagacaga	ccagcccaag	aaacatctca	3480
ccaatttcaa	atccggtgca	gctaccaggg	gaactgccag	gacttcaaag	cccacaacca	3540
aaagccagaa	aacactacca	agtacaagcc	ccggacactg	gacccagagc	acaccctggg	3600
catctgctct	gagatcctct	ccctggacag	agacagctgc	tccttcagaa	acagaggaga	3660
ccctgaacac	aggcaggcct					3680

<210> 4057

<211> 1968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1971)...(1677)

<223> similar to gil872200 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4057
ccttgcttgc aggaagccat gcagttagtt tctgcagtta gtcgtgtgag gctaggtggt      60
tgggcaggcc tcgggctgta ggtggtgggt gggaaaaaga cccaagggcc tgaaagggag      120
ggaaagggga gggtagcggg agggtagcag gtgagttcct agggctggaa ggtttaacag      180
cagcctgggtg cagtgccctg tcatcaagac aaaccacagg tcctcctggg tgcctaccaa      240
gcttggtttg tacaaaagca aggtgggagt ctatttttgt acatgagata catcacactt      300
acctgtgggc cagtattgtg aagtgagtct gagttgttta cactgatgcc ttccctgccc      360
accacaaatt gtgtacatag tcttcagatg ataccacccc ttccccagc tcccaaccaa      420
gagctggttc taggcctgtg ttatatgtca tatttagcgt ttttatatat gacctttgat      480
ttctgttgtt tgtatttttag cacagtgtat gcaccttcat ttaaatacat ctgtgtgcat      540
acagatacgc atatatgtgt gtgctgatgc atatatctct catctgtagt ttccaagagt      600
tcagctgaag cagatggagt cctgcagccc aggagacacc ctgcatccct gctaatagtg      660
tttgccacaa gtattagtga gtcttcctta ttaattttt catttcagaa gactgaagca      720
aagctgataa tgtttgctgt ttctttggca gctaagtgag ggtcttggga tgacttgctg      780
tgttcctcaa gctgcacttt ggggccatct ctgcagtatt agcccccttt ttgcttggtg      840
gtactctgtc tgtgcctgtg tgtgtgtgtg atagtcactc ttgcatggct tccatgtctg      900
gtttgtggca tttggggata aggtgctgaa gccagagcat ttgcagtttg tttgaggcct      960
cgttgccaat gatagatcac tcctgttgac ctggtatgtc tgcttgcttg ctgcttttcc     1020
ttgctttctc ttggaagagg aaaggactct ggtcaggccc aggtgagtg agatgagctg     1080
cagctggctc atggccttct tagagcagag agaggagtat gtcattttac taagttccta     1140
aacaaacatt tatgcaggca acactccttg cagatccaga aactgaggca caataggggt     1200
atgacttgct caagaatatg tagctgctag ggggtaaadc aaggcatcac aatttctgtt     1260
cagcgggcag gaataggctg tgaattgcta gcactttttt tttttaagca attacttttt     1320
gacttgttcc tctgaaaggg caagaggcgt acacttttcc caaatgtaaa ctaaaatctg     1380
caggatgccca cccactgtat agttctgctt tcccagagag gaagaacttt tagaaaccaa     1440
atgatcttaa ttgttattgc ccacccctgg cttttccggg tagaaaattc acagtaggaa     1500
tgattgttaa gagagagtgc ttggaacccat ggggtaacag gaaaggctac ctaacttcac     1560
atatctgcaa ccagagcagc caccaagcat tacttagcag caggaaaatg attgtatttg     1620
agttcctgtg tgtccaaaac tgaggcacca tgttctttga aaacatgccca cctcaaggct     1680
gggcgcggtg gctcacacct gtaatcccag cactttggga ggccgaggcg ggcggatcac     1740
cggaggtcgg gagtttgaga ccagcctgac caacatggag aaaccccatc tctactaaaa     1800
atacaaaatt agccgggcgt ggtggcatgc gcctataatc tcagctactt gggaggctga     1860
ggcaggagaa ttgcttgaac ccaggaggcg gaggttcggg tgagttgaga tcgtgccatt     1920
gcactccggc ctggggcaaca acagcaaaac tccgtctcaa aaaaaaaaaa     1968

```

<210> 4058

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(125)

<223> similar to gi339675 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 4058
attatgagat ggttccctc atcagccaag cctgcgttct tctcctggct catttaaac      60
gctatgcgga atctggggac gcatttgaca tccagaggta aggctgctgc attacagatg    120
agaaatcgag tttttgaatc actgcttctt gtaactgtcc ataattgctg acaattacct    180
tgggactagc aaactgtgga aacgctagaa gctcataaaa gcatggatgg actgattaat    240
aaaaagaaaa gaaaccctact taacatggga aagagatgtg agcagagcca gggtagctgc    300
gtcctgtcga acctgtggat ggatccaccc tctgacctcc acagaccagc gaatgggcag    360
gacaggcctg cgcctaagga cagggatggg gggaaagtcc aagccttttc actttaagaa    420
aaattgtggg g                                     431

```

```

<210> 4059
<211> 1050
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (943)...(652)
<223> similar to gi4914584 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4059
cttccttcct tccatccttc cttcctttct ttctttcttt ctgtttcgtc cttttgagac      60
agagttttcac tcttgtttcc acggctagag tgcaatggcg cggtcttggc tcaccgcacc    120
atccggcacc cgggggcgaa agagcatcac gagacaagac ccgcacagag gggaagacag    180
ggaggcacc ccacgcctgg cttggctgat gtttggtgtt ttagtaggca cgccgtgtct    240
ctccatgttg ctccaggctgg tctccaactc ccgacctcct gtgatgcgcc cacctcggcc    300
tctcgaagtg ctgggatgac gggcgtgagc caccgtgccc ggccgtgtga ctcatctcgc    360
ttttttatct ctttcgtttc caccggttta cttatatgta ttaatgtaa cgtttctgta    420
cgcttatatg caaacaacga caacgtgtat ctctgcattg aatactcttg cgtatggtaa    480
atacgtatcg gttgtatgga aatagacttc tgtatgatag atgtagggtg ctgtgttata    540
caaataaata cacatcgctc tataaagaag ggatcgtcga taaagacgtt tattttacgt    600
atgaaaagcg tcgtatttat gtgtgtaaat gaacgagcgt acgtagtatt ctctgttttc    660
tttcttcctc tcttcgtgtg ttttcttctc tctttctctc ctttctctcc ttctttaggt    720
tttcttctct ctcttccttt ccttctttct ctctttctgt ccttttttcc ttctgtcttt    780
atttctcttt cgttccctgt gtttcttctt tttttctttc ctctctgttt ctttttccct    840
tctttccttc gtttctttcc tcattctttc tctctttttc gtgtttcttt ccttcccgtc    900
tgtcttttaa aaaatggagt gtttcagaag tttactttgt gtatctacgt tttctaaatt    960
gtctctcttt tctccattgt ctctctcctt ccttccctcc ctactctcc tgctcccgct   1020
cgaccgggga attccggcca gtagectatc                                     1050

```

```

<210> 4060
<211> 1286
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (175)...(723)
 <223> similar to gi4583449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4060
 tttcgtgagc tttgtgagag aaacaaggct ggcttcaagt gatctgcaac cagagtaatt 60
 gggatttgac aaggactgtg aaaggctgac tctccctgtt ctctttcatg ctggcaccgg 120
 gcagagtgtg ggaactactg cctcaatacg atcatagaag ccattgagat cccgcagttt 180
 atcggccgca gttacctgac gtatgacaac ccagatatct tgaagagggg gtcaggatca 240
 agatcaaattg tgttcatgag gtttaaaaca actgccaaagg atggcctttt gctgtggagg 300
 ggagacagcc ccatgagacc caacagcgac ttcatttcct tgggccttcg ggatggagcc 360
 ctctgtttca gctataacct gggcagtggt gtggcatcca tcatggtgaa tggctccttc 420
 aacgatggtc ggtggcaccg agttaaggcc gttagggatg gccagtcagg aaagataacc 480
 gtggatgact atggagccag aacaggcaaa tccccaggca tgatgcggca gcttaacatc 540
 aatggagctc tgtatgtggg tggaaatgaag gaaattgctc tgcacactaa caggcaatat 600
 atgagagggc tctgtgggctg tatctctcac ttcacctgt ccaccgatta ccacatttcc 660
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 gcctgatgct atatgcagag gccaggggac cagggtgtgtt tcctctcacc aagaagaaag 840
 tacacactga tgagaaactg agaaccaaga caggcatccc tgggtggcct ttctgtctga 900
 cactccacga gctgaccagc cagaattctc tgtgtaggaa gcatcggact ttgtccattg 960
 aatatgtagc ggctgccaga gatcacacat caatgcaaatt tccagagcct gtctgtctata 1020
 gctcagtgac tgtgttctga ttcatagtac attaaaaaga gagagagaga gaaagaatcc 1080
 cacagggcac tattaaaata cttctctcct tccctgactc atgacactct tcctgacagc 1140
 agaatgactg tgtgaccttg aacttcacat tccccacatt ggcccttgga ttgttcggat 1200
 taacccttc cactcctcac tggctgggtc actgtgttct gactagtcca taaaaataaa 1260
 gatggaagga gatcaaacac agaaaa 1286

<210> 4061
 <211> 2112
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(1432)
 <223> similar to gi3413884 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4061
 tttcgtggag aggcggaaag gatggcgctg tgacagccgg gccggagccc tgcggtcccc 60
 accccgcgcc ctggccgctg ggcccggcga gatggagtcc acagcctacc ctctcaattt 120
 gagcctgaaa gaagaggaag aggaagaaga gattcagagc cgggaactag aggacggccc 180
 ggcagacatg cagaaagtac gaatctgctc tgagggcgga tggaaaatga agaattctgac 240
 gtaaagcctc cagactggcc aaaccaatg aatgctacct cccagtctcc tcagcctcag 300

cacttttgaca	gcttttggcct	ccgtctgcct	cgggatatca	cagagctgcc	cgagtggagt	360
gaggggtacc	ccttctacat	ggccatgggc	ttcccagggt	atgacctctc	ggctgatgac	420
atagctggga	agtttcagtt	cagccggggc	atgcgccgca	cttacgacgc	agggttcaag	480
ctgatggtag	tggaatatgc	tgagagtacc	aacaactgcc	aggctgcca	gcagtttga	540
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gtggccgaat	atgtcagata	catgcaggcc	aaaggggacc	ccatcacccg	ggaggcgatg	720
cagctgaaag	ctctcgaaat	cgcccaggaa	atgaacattc	cagagaaagg	gttcaaggca	780
agcttgggtt	ggtgtcgaag	aatgatgaga	aggatgacc	tgtctctgag	gcataaagtg	840
cccgtgcccc	agcacctgcc	ggaagacctg	actgagaaac	tcgtcactta	ccagcgcagt	900
gtcctggctc	tgcgcagggc	gcatgactat	gaggtagctc	agatggggaa	tgcagatgag	960
acgcccattt	gttttagaggt	gccatcacgg	gtaactgttg	ataaccaggg	cgaaaagcct	1020
gtcttggtca	agacaccagg	cagggaaaaa	ctgaaaatca	cagcactgct	tgggtgtctt	1080
gctgatggga	ggaagttacc	accgtacatc	attttgaggg	gaacatatat	ccccccgggg	1140
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gggatgctga	tcttgaatgg	cttcgggggc	catgccacag	attccgtgaa	gaactccatg	1320
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cttctggctg	ggaacctggc	gctgagccca	accgggaatg	ctaagaagcc	acccctgggc	1500
ctctttctgg	agtgggtcat	ggtcgcgtgg	aatagcatct	caagtgagtc	catcgtccaa	1560
gggttcaaga	agtgccatat	ctccagcaac	ttggaggagg	aagacgatgt	cctgtgggaa	1620
atcgagagtg	agttgccagg	aggaggagaa	ccacaaaag	attgtgacac	cgaaagcatg	1680
gctgagagca	actgaaggga	aagggaagc	aaatggaact	ctgatttaaa	cagctgggga	1740
tgaatttcct	caagatgatt	attcctgaaa	gtgtggatgc	gctggatgcg	caggggaacat	1800
caggaaaagg	ccacggggct	ctgaacagcc	ccggtccaga	cagcagcctg	tacatccatc	1860
ccaggacaca	gcccagcccc	tccccacacc	atacaaggta	tcagaaaagt	ctaggacctta	1920
tcatttcatc	agagacatga	tcagaaaaga	aactgcttct	gccccatttc	ttgttttga	1980
gattactcca	tctgtccatc	aaaagaaacc	tgtaaatatg	aaagaacaaa	ggttatttcg	2040
tggagaaaaa	aaaatttatt	caacaccaac	aagggacatg	tattgcggcc	ggtctggagg	2100
atccacacga	tc					2112

<210> 4062

<211> 2006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2007)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(752)

<223> similar to gi3879218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4062

tgataattga aaaactggca gaagggttg acattcaact caaatctcca gtgcagtgtg 60

ttgattatnc	tggagatgaa	gtgcagggtta	ccactacaga	tggcacaggg	tattctgcac	120
aaaaggtatt	agtcactgta	ccactggctt	tactacagaa	aggtgccatt	cagtttaatc	180
caccgttgtc	agagaagaag	atgaaggcta	tcaacagctt	aggcgagggc	atcattgaaa	240
agattgcctt	gcaatttccg	tatagatttt	gggacagtaa	agtacaaggg	gctgactttt	300
ttggtcacgt	tcctcccagt	gccagcaagc	gagggtcttt	tgccgtgttc	tatgacatgg	360
atccccagaa	gaagcacagc	gtgctgatgt	ctgtgattgc	cggggaggct	gtcgcacccg	420
tgaggacctt	ggacgacaaa	cagggtgctgc	agcagtgcac	ggccacgctc	cgggggctgt	480
tcaaggagca	ggaggtccca	gatcccacaa	agtattttgt	cactcgggtg	agcacagacc	540
catggatcca	gatggcatat	agttttgtga	agacagggtg	aagtggggag	gcctacgata	600
tcattgctga	agacattcaa	ggaaccgtct	ttttcgctgg	tgaggcaaca	aacaggcatt	660
tcccacaaac	tgttacaggg	gcatatttga	gtggcgcttc	agaagcaagc	aagattgcag	720
cattttaaga	attcgggtgga	cccagctttc	ttctgtaccc	cagatgggga	aatttgaatc	780
acatgttaaa	cctcagtttt	ataagagggg	gaaaaaaccc	tctctacata	gtaaaactga	840
aatgtttcta	aggcgatatg	ataatgcaaa	cctattttcat	cactctaaaa	gcactgacct	900
caaaaaacct	tataagcact	tagattttaat	tgcattttcc	ataggttcaa	ctactgctga	960
aagtctggat	ttcagaataa	agcagaatgt	aagtttcagt	tgaggccatg	gatttgattg	1020
ttccatggct	ggaagttccc	tttagatttc	acattttata	tggtgatca	attttcatac	1080
attgagaaac	caagtcaatc	aagcaggaat	catttaaaaa	ccagataaag	ccatgttttt	1140
cttctgtgac	aattttatcag	tatctttacc	aatgagcctt	aatttttata	taggtccaat	1200
attgagcttt	tacttaaaat	ttagatagaa	cttttttttt	ggatacagca	caaactccag	1260
tttgacagta	aaatgaagct	ttctaggtat	tttgtattgt	acataatttc	tcctactggg	1320
tgttcaaaag	aaatttaaat	tcaagtacct	tttgtgataa	aatgttttag	aatttgtgca	1380
cccattggca	aaacaggaaa	gtttccagat	aggtattgta	tcattgagga	atgcagcaca	1440
gatagtgtgg	gcttcacact	atagacacag	aatatagctt	tttcttaaaa	gccaaatttg	1500
ggtgatagga	cacttttaaa	tatccttaat	tttggaacc	actaagcaaa	aaaaacttgt	1560
cagaataatt	taaccaagcc	cctctccact	tcttttatct	aaaagcactg	attcaattgc	1620
tagggaatat	ttttgccaga	tttttcttta	cagtattccc	ttagggcagg	tccactggga	1680
aaacttgtag	aaaaatgtga	gctctcctgg	taaatagtat	acattttata	agctatatatt	1740
taaaggccta	agaacatggc	aagtattttac	ttttatcttt	tttttaaaaa	cactcatgac	1800
cagaaaccag	tttaataata	tctcattcta	aaataaaaca	ctggttgtag	ggtcttcagg	1860
atgcctatatt	tgccaagaaa	cttcagtata	cagggttagaa	atatgctttt	gtttttgacc	1920
aataatatac	tggtttgctt	taaagaaggg	actaaatatg	actttaaaga	gacttcaaaa	1980
tattgagtat	tttaaaaatt	taaaag				2006

<210> 4063

<211> 1057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1058)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1)...(233)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4063
tttttttttt ttgagacgga gtctcactct gtcacccagg ctggactgca atgacgcgat      60
cttggttcac tgcaacctcc gcatccgggg ttcaagccat tctcctgcct aagcctccca    120
agtaactggg attacaggca tgtgtcacca tgcccagcta atttttttgt atttttagta    180
gagatggggg tttcaccata ttggccagtc tgggtctcgaa ctcttgacct tgtgatccac    240
tcgcctcagc ctctcgaaagt gctgagatta cacacgtgag caactgtgca aggcctgggtg    300
tttcttgata catgtaattc taccaaggtc ttcttaatat gttcttttaa atgattgaat    360
tatatgttca gattattgga gactaattct aatgtggacc ttagaataca gttttgagta    420
gagttgatca aaatcaatta aaatagtctc tttaaaagga aagaaaacat ctttaagggg    480
aggaaccaga gtgctgaagg aatggaagtc catctgcgtg tgtgcaggga gactgggtag    540
gaaagaggaa gcaaatagaa gagagagggt gaaaaacaaa atgggttact tgattggtga    600
ttaggtggtg gtagagaagc aagtaaaaag gctaaatgga agggcaagtt tccatcatct    660
atagaaagct atataagaca agaactcccc ccttttttcc caaaggcatt ataaaaagaa    720
tgaagcctcc ttagaaaaaa aattatacct caatgtcccc aacaagattg cttaataaat    780
tgtgtttcct ccaagctatt caattctttt aactgtttgt gaagacaaaa tgtggacgga    840
tatatttagt tgtaaaccaa gtgatgaaac tgcattattgt aaaggccatt tttaaaatac    900
gttgatatat tgggtatgca cagtaaaaat ggaaactata ttgacctaaa aaaaaaaaaa    960
ggaaaccacc cttaggcagg caggacatgc tcttcagaac tctgctcttc agagttccaa   1020
agaagggata aaacatcttt tatnnccatc aaataga                                1057

```

<210> 4064

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (733)...(866)

<223> similar to gill177607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4064
aggatcgctt taggtgccgc gaccacgcg tccgcctgtt cgcagctgcg gcaacttcaag      60
gttactgact ttttatgatg tttggtggct atgagactat agaagcatat gaagatgatc    120
tttatcgaga tgagtcactt agtgaactga gtggtgatag tgaggtggaa tttcaactct    180
atagccaaat tcattatgcc caagatcttg atgatgtcat cagggaggaa gagcatgaag    240
aaaagaactc tgggaattcg gaatcttcga gtagtaaacc aaatcagaag aagctaatacg    300
tcctttcaga tagtgaggtc atccagctgt cagatgggtc agaggtcatc actttgtctg    360
atgaagacag tatttataga tgtaaaggaa agaattgtag agttcaagca caagaaaatg    420
cccatggctt ttctttctct cttcaatcta atgagctggg tgataagaaa tgcaagagtg    480
atattgagaa gcctaaatct gaagagagat caggtgtaat cagagaggtc atgattatag    540
aggtcagttc aagtgaagag gaagagagca ccatttcaga aggtgataat gtggaaagct    600
ggatgctact gggatgtgaa gtagatgata aagatgatga tatccttctc aaccttggtg    660
gatgtgaaaa ctctgttact gaaggctgcc agacacccta cttgaaggat cctgttgtaa    720
cctgtggaaa taatacttac aagaacgttg cagctaagct ggtccgggtg cagtgggtgt    780
acaactaatg gatcacaacc agtcacggat ttctttgttc catctccatt cccacttctt    840
cacttgacta gccttaaaaa ggctcatgcc tgtaatccca gcactaaggg aggctcagac    900
agaaggatca tttgagccca ggagtttgag atcagcccag gcaacatagc gagacttcat    960
ctctactaaa aataaaaataa aaaaattagc caggaaaaa                                999

```

<210> 4065
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(339)
 <223> similar to gill177607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4065

tttcgtctag	ccttagcgag	gcatggggg	aaaaagtcta	actggcgga	ctcctgggaa	60
ctggggcgat	gggctcttag	tatcgaggga	ttggagccat	ctgattttta	cctgaaattc	120
cttagtctct	cctgtgttgg	ggaaatggtc	accttgccct	cagggacctg	ggcttttcagc	180
tgtccatacc	tggccctggg	tgatggcggc	atgctgggca	gtgcacgtga	agacgcacat	240
gagaccggga	cttgctgtgt	tgcccagggt	ggctctgaac	tcctgggtctt	aagcaatcat	300
actgctttgg	ccacccaaag	cactgggatt	acaggcgtga	accaccacac	ccagctctta	360
aaaccacagt	atttctaggt	cagtataaca	cacctgcccc	agggacttac	aggtgtggca	420
gaagcttgga	cttctggctt	ttctctctct	tgcaccagg	cacgctgcag	ctaccatttc	480
ctcccttcac	tacgttttag	attctttcct	tttcattcct	gtcattacca	tgctaacgta	540
catctctatc	caccttgctg	ttgggcagg	atgagcggct	tgctggctgt	tcttccttgc	600
cttttggctc	gtttctactt	agctgactcc	tcaattgggt	agaaacattc	ttcatcaata	660
ctatactgtt	ataggtgtgc	ccttggtgatt	tcaaactcta	gtaccagata	ctgttctctg	720
gttggttctt	atgggcatca	cttgtttttc	tggctaaata	ctagatctaa	ggtaggaata	780
tggcttttgt	tttactaagc	agtggttcaa	gccctactgt	gagcgcactg	ctagactggc	840
agatctctga	gaatttcaga	ggatttcctat	ataatgttaa	gtgactaaac	ttaataaact	900
taattaaaat	caacatctca	agatattgaa	aaaa			934

<210> 4066
 <211> 422
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(117)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4066

tttttttttt	ttgaggcaga	gtctcactct	gtcaccagg	ctggagtgtg	gtggcgcaac	60
ctcagcctct	ccaagtgtctg	ggattacagg	catgagccac	cactcccagc	caatagtga	120

ttttctaaga	gcatgtatcc	ctatcagtaa	gtaacagggga	tacatgaaga	tacttataaaa	180
atacagaaaa	actgcccagc	aaatcagggc	cctaaacagt	tggtagattc	cataaattca	240
actggctacc	atgtatagcc	ctcactgtaa	ggtaggtggt	taggtttcta	gagagcatta	300
gtcttagaat	tatgaagagc	catattaacc	caaagtattt	ctaaatttag	atatatatatt	360
tccctgctac	ataaaaactc	tgggtaataa	ctagaaatag	accacaatt	tagagacaat	420
gt						422

<210> 4067

<211> 1319

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(693)

<223> similar to gi5689527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4067

aggcagcacg	cggaggagcg	cggccgcgcg	aaccccaaga	cgggggttgac	cctggagcgt	60
gtgggcccctg	aaagcagccc	ttacctcctg	cggcgccacc	agcgccaggg	ccaggagggc	120
gagcactacc	acagctgcgt	gcagctggcc	ccgacgcgag	gcctggagga	gtctgccacg	180
gccccctgag	cttgccgggtg	gccctcgggt	gggcggggtg	gcgccgcggc	cactgaagca	240
ccgcgcagtg	agtggaaagt	gaaggtgcgc	agcgacggaa	cccgtactgt	ggccaagcgg	300
cccgtgcgag	atcggtgct	gaaagcccgt	gccctgaaga	tccgggagga	gcgcagcggg	360
atgacgaccg	acgacgacgc	ggtgagcgag	atgaagatgg	gccgctactg	gagcaaggag	420
gagcgggaagc	agcacctgat	ccgggcccgt	gagcagcggg	agcggcgcg	gttcatgatg	480
cagagccggc	tggagtgcct	gcgggagcag	cagaatggcg	acagcaagcc	cgagctcaac	540
atcattgccc	tgagccaccg	caaaaccatg	aagaagcggg	acaagaagat	cctggacaac	600
tggatcacca	tccaggagat	gctggcccac	ggcgcgcgct	ccgccgatgg	caagcgggtc	660
tacaaccctc	ttctctcagt	caccaccgtg	tgagctgccc	gggcggggtac	acggcccagg	720
cccagggaac	cccctggggc	cccgccctc	actctcctat	agagattgtg	tgtgtgtgtg	780
tgtgcgcgcg	cgcgtgctcg	ctgtgcgcac	gcacacatct	cgtctgggtg	tgcgcacagg	840
gctttgttag	cagagagaag	ccctgagga	gaagggacgc	ttttcttctt	tctgcccagg	900
taaagtgacc	atgccagtgg	ccagcactgg	gggcacacct	gtgatgggca	ccccttcagc	960
tgtgcgtgtg	cattccccat	cccccatgct	cttgcgtgtg	cttgacgtg	cacgcacaca	1020
cacacccagt	gctctctcca	cccgaccctg	gtacttgacg	acaggggaagc	tgagctgaaa	1080
ggagcacaag	agagtgtccg	gcttcgctgc	tgagcgcggc	ctctccccgc	cgtgcgcac	1140
tgagttatt	tgtagacaaa	ggcacccctg	atTTTTgtgg	TTTTTctccc	TTTctgtgct	1200
tgccaatagt	tgTTTTgttt	tgtggacctg	ccctgggggc	tggcagctcc	ttcaggcagc	1260
ctggcagaag	tggaaactccc	ctctccactg	atggctggga	agggagttgg	ggaggaaga	1319

<210> 4068

<211> 1591

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1594)...(479)
 <223> similar to gi5052670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4068
 tttttttttt ttagcaaaaa gtagactttt attacagcag caactgaggc gaatcgaatg 60
 gccccccagg gccaccactg cagcaccacc tttctctccc gccccggccg cccagcgagg 120
 attgtagaat tcggctcccc tagtgcccg gggcctcctt tccacacagg ctgggcggga 180
 gccggcagat cagcgactag cccccaacta gaaggcggct gctgagaagg cccaggccca 240
 cgtctgtgca aaacaagtaa acaaagtgc gaggggagga agagagggga ggggaaagga 300
 tgatgctcag aaccagggag cccccccagc cctcctgaat aataaaggag ggaaggggct 360
 tcacagggta atactgactg gggggaaggg acaggagggc tgcagcacgt ccagggacag 420
 ccacagcgca gatcagggcc tggcccaggt gagctctaag aggagacggt gacagcggt 480
 gagttgaggg tactgttctt ggcaaaattg aacttggtca aggtctcttc tagcagagaa 540
 gtcaaccggc tctggtcagc ctactaatg aagcccagct gcaccagctc agccgccaac 600
 tcggggatat tctcatttgg catcaggtca cagctcaggt gccggttcag tttgtcctcc 660
 aacttcagca gaagtgtcag gtggtgtttg actccctcct ccaccgactc aatgttgac 720
 tgcacagca ccaccttgcg agtctccacc tcagctggtt caggtgtcgg agtcttgaca 780
 gaggggggca cgacaggtga tgtcacctcc tctgtgtgtg gctgctgggg ccgaggcagc 840
 ccaaaggctg tcagagagata gatcccatc ctgacatctt caaggaattt atctaattcc 900
 agagctggtg actgagagta caaagtctga actggttctc ttcctggtcc tgcagggatt 960
 tcagccagta cggcactagt atccatgttt ttggtgatct cctctagagc gttctctggg 1020
 atcatgtgtt ggtgtcccac aatgcagtgg gccgcaagga gtttgagcga gggcacttca 1080
 aacaatgctg ggtggaacag aagttctctg gctgttggtc tgcgagcagg ctgagactgc 1140
 aggcactttt gaatgaactc cctctgtaat gggctcttcta gaagctggat ggcactgctg 1200
 atggcttctt gtggcacata tgaggactct ccattgccct gaatctccag cactgccatc 1260
 tccagtgcac acatgccaaa ggagttagatg tccactgctg ttgtcacatt agtgacttct 1320
 ccatactctg gtgcaaagaa gtgtagattc ttctgtctct ctcgacaagt cttcacatga 1380
 ttgttgatag tgtcaggagc cacagagcca atcttgatga gtccgttgtg ctggatgaag 1440
 atggtgtcac aggtcaggtt cccatggatg atgggggggt cacaggagtg caggtagctt 1500
 agggcagaga ggatttgtgt gcaccaacgc ttccatgcct tttcattcat cgtcttgtgg 1560
 ttcttttttg tcttcttcag aaattgcttc a 1591

<210> 4069
 <211> 1458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1460)...(341)
 <223> similar to gi337485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4069

tttttttttt	ttgagaaaaa	aattgggctt	ttattggcaa	ttacaaaagt	aatagatttt	60
cttacataat	acgttccttc	agtaatatat	ttttcaagta	ttttaccgta	gaattttctaa	120
agtactttgt	cattgacccc	ataattttat	ataaagtagg	tcccataatc	acattttttg	180
gaagttgctg	aaattgagat	aaaaaatatt	gtttttttat	gagaaaaact	ggacaaaata	240
cagaatggcc	aaaactagat	taactggctc	agttatgtct	actaggtgaa	agaaaaataca	300
gaatctgtta	ctgtagaaat	tttaagagg	tttgagtcag	ttccagtata	aaaaaaggc	360
caaagtgtct	ctgtaaaatt	atcattaaaa	gtatagagaa	gagatctatc	attcaaatta	420
taaaaggaaa	cttcattcat	ttcatagtct	aaaaaaatgc	caatcttact	aggaattact	480
tgtggcagca	gaataatttc	cctgtggccc	aatacaatat	aattattctg	actagatcgc	540
caaattcccc	ataatccatc	ctgtactaaa	attgggtgac	tcttcctcct	tctgggaaga	600
cagtcattac	agacaccaag	aatccattca	ggcttgtctt	tcaattctac	ttcccagtac	660
tgccctgccac	aactatatcc	cttagaaccc	agaacagctg	ggaggagata	aaatcttctt	720
gggttatgag	gtacattttg	tgttgtattt	ccatagcgca	cagtttttct	atcttctgag	780
actataagtt	tacgatgtgc	tgtttcagga	tctagaatta	catctacttg	aaatcgcttg	840
ataatttagt	ctaggccaga	atattgtgga	ggcagatggg	aaccatattt	ttttaatttg	900
aataaaaaaca	gctcagggaa	ttttaaatte	ttatatctgt	gatagatatc	cttaacattt	960
gccagtaatt	ccagttctga	cttcacatat	atgctctcta	tctcctttag	tagatatattt	1020
aatgaggagg	tataatctga	aaattttgtt	aggctttcat	ttagttgtgc	taaaatatcc	1080
atctcttcat	cttgtaattg	cctaagaaca	gtctcttgct	cattttggag	aaataaccta	1140
agttgctcaa	attcagactt	gacttcttct	gccctatggt	ttaccttttt	cttcagttcc	1200
agtgatttcc	tggtttgcat	agttatgact	ttttcaatta	gttccactct	ctccttccac	1260
ggtgcattgt	attcctccag	ttttttccta	tgataggagg	cagccttctt	tatgggccaa	1320
acacagtgat	gctggtgatc	agtggacaaa	ctgcaccttg	gacataaaag	ctataggtct	1380
ttctgacaga	agaaagtcaa	aacctgatta	tgcttcttac	acacatgctt	ctcttctctg	1440
ctcttctctt	tcttgctt					1458

<210> 4070

<211> 1122

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1104)...(816)

<223> similar to gi498729 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4070

tttttttttt	ttaagtttag	ggcatttata	tatctgcaac	ccaataaacc	cctggtacca	60
tgcagctccc	ccaatttcag	tgcaacccaa	gctgctgaaa	caagtccagc	cccagaagg	120
gtagtggcac	tgtggtgtta	ccttattttt	atatgaccct	tcaaaaagga	cactgaaaac	180
ccagtgcctg	tttgagaga	tcatgtgtgg	aaattgaaac	cctgtcttta	aggaatgacc	240
aaattcatgc	tacttaacct	gaaaacttgg	gggcaaagt	gttggtgatta	tctgaagggc	300
tgctatgtag	atgaagtatt	aaacatgtcg	taggcaagg	ttagaggaga	atgtggtact	360
taaccttcta	tagatcccac	aatgaaatga	cctgccttgt	gaggtagtga	gtccctgtc	420
aagagagatt	ttcaagcaat	gggtagaaga	ccacttgcca	ggagtgttgc	aaaaagtggg	480
ctaaaccaga	tttttccaac	ctagtatgga	ggaagaggca	gagttagggga	aggtcctgcc	540
cctatgagat	tctcctgatt	gcatgcaaga	tgacaggtaa	tccctgtgtg	gacagactag	600
aaaagcagac	agccccataa	atagatgggg	agaactttta	gccctgatat	ccacacaaac	660

tatttttagga	tagggtagct	tggaaaactt	taagcaaagt	acgtcacctc	tcctaattggg	720
actgttccag	acacgcacag	ggaggcagcc	agcgattgc	aagatacaaa	gttcagctct	780
gtgcagcagg	agaccgggt	ttagttctga	ctctgcctg	tatgacctgg	ggctcctcct	840
tcccttttct	gggacctcc	ataaaatgaa	atgaacgtag	gcagtccttc	cccttctaata	900
gggcgttgcc	cctctgactg	gagccccga	tagcagatct	agggctacag	tttggggcct	960
tggggctaca	cttgtggaca	gccagagacc	acctctggcg	gaagcaccgg	ccacactcga	1020
ggcaggggaa	aggcttctcc	cccgtgtgca	gcagctggtg	ctgggccagg	tggtccact	1080
gagcaaaacg	cttgagcaa	aggaattcca	ccacgtgac	ta		1122

<210> 4071

<211> 735

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(226)

<223> similar to gi3002527 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4071

tttttttttt	ttaatacaga	gtctcactct	gtcacctagg	ttggagtgca	gtggtgtgat	60
gtcggtcac	tgcaacctct	gcctcccggg	ttcaaacgat	tctcctgcc	cagccactct	120
agtagctgga	actgcagggtg	tgcaccacca	cgccgggcta	gtttttgtat	tttaagtaga	180
gacggcattt	caccatattg	gtcaggctgg	tctcgaactc	ctgaccccaa	gtgttcgcc	240
cgctctgcc	tcccataagt	gctagaatta	caggcctgag	ctactgcgct	tggccccttg	300
cggtactttt	ggcccaacct	cctccactgg	ctggggacgc	ggaggccgag	gagagaagtt	360
cacttgctcc	tgggttctaa	cctttgaagt	ggttctcaag	ggtttggggc	gaagagtccg	420
gggtggggac	cgaagatgca	gctctatcct	gtgcccctgg	gtcgcaagca	ggcagcccag	480
cgcttcgctg	gttctacttg	gcctgtccgc	tgccgcctaa	tgagctcagg	tctaggccga	540
gcagaggggg	cacctggtcg	gactcggttg	ggctcgggcg	gccccgccct	ccccccgcc	600
gccaggcggg	cccttctcga	cggcgcgggg	cgggcctgc	gggcgcgggg	ctgaaggcgg	660
aaccacgacg	ggcagagagc	acggagccgg	gaagcccctg	ggcgcccgtc	ggagggctat	720
ggagcagcgg	ccgct					735

<210> 4072

<211> 569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (28)...(468)

<223> similar to gi3650031 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4072
ctaacagctg gggaattaag tccccacagt actgtccccc ctctcttact gcgctacgaa      60
ccccacattg aacccccatc cctccttcat tctacaatct ctgagcgaaa cccacacccc      120
tcaactgagcc tcaaaccctg tgccccctca aaccttgtga ggccccctggc gttggccttg      180
gcattggcca gccctcctgc cccggagatg cacatggccc gccccggccc ggccactgt      240
ctctcctctc ctagcctgcc tctgccccaa ttctcctctc aatctcctgc gtgattcctc      300
tgtcctcagt cataccagtg tgaggggctc accccacggg ttctaccoga tggagggggc      360
catgttcctt gctcccgccc ttctcctca ccagtccttg cctcggtatc agcccccagg      420
tggggagctc tgctgctgcc tggaccatgc cctacttccc tctcctcggg atgtaggaaa      480
gggagggcca gccctagagc tcaccacccc cccacagcaa gcctgtgtac tgcgctctgg      540
ccaccttget tctcgctccc ataacctac                                     569

```

<210> 4073

<211> 2545

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1552)

<223> similar to gil754515 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4073
gcgcaccagc ccttaaggct atcctgcggt acacctagac cgacgcccc gccatctggt      60
ggctggaccc agagctgacc tatggctgcg ccaagccctt cgtcttcacc cagggccact      120
ccgtgtgcaa ccgctccttc ttcccgtgct ttgacacacc tgccgcgaag tgcacctact      180
ctgccgtcgt caaggcgcca tcgggggtgc aggagctgat gagtgccacc cggagtgcct      240
acatggagga agaaggcgtc ttctacttcc acatggagca ccccgctgcc gcctacctcg      300
tggccctggt ggccggagac ctcaagccgg cagacatcgg gcccaggagc cgcgtgtggg      360
ccgagccatg cctcctgccc acggccacca gcaagctgtc gggcgagtg gagcagtggc      420
tgagtgcagc tgagcggctg tatgggccct acatgtgggg caggtacgac attgtcttcc      480
tgccaccctc cttccccatc gaggccatgg agaacccttg cctcaccttc atcatctcct      540
ccatcctgga gagcgatgag ttcttggtca tcgatgtcat ccacgaggtg gccacagtt      600
ggttcggcaa cgctgtcacc aacgccacgt gggaagagat gtggctgagc gagggcctgg      660
ccacctatgc ccagcgccgt atcaccaccg agacctacgg tgctgccttc acctgcctgg      720
agactgcctt ccgcctggac gccctgcacc ggcagatgaa gcttctggga gaggacagcc      780
cggtcagcaa actgcaggtc aagctggagc caggagtga tcccagccac ctgatgaacc      840
tgttcaccta cgagaagggc tactgcttcg tgtactacct gtcccagctc tgcggagacc      900
cacagcgctt tgatgacttt ctccgagcct atgtggagaa gtacaagttc accagcgtgg      960
tggcccagga cctgctggac tccttcctga gcttcttccc ggagctgaag gagcagagcg      1020
tggactgccg ggcagggctg gaattcgagc gctggctcaa tgccacaggc ccgccgctgg      1080
ctgagccgga cctgtctcag ggatccagcc tgaccgggcc cgtggaggcc cttttccagc      1140
tgtggaccgc agaacctctg gaccaggcag ctgcctcggc cagcgccatt gacatctcca      1200
agtggaggac cttccagaca gcactcttcc tggaccggct cctggatggg tccccgctgc      1260
cgcaggaggt ggtgatgagc ctgtccaagt gctactcctc cctgctggac tcgatgaacg      1320
ctgagatccg catccgctgg ctgcagattg tggtcgcaa cgactactat cctgacctcc      1380

```

acaggggtg	cg	gagagccaga	tgtcacgcat	gtacaccatc	ccgctgtacg	1440
aggacctctg	caccgggtgcc	ctcaagtcct	tgcgctgga	ggtcttctac	cagacgcagg	1500
gccggctgca	ccccaacctg	cgcagagcca	tccagcagat	cctgtcccag	ggcctgggct	1560
ccagcacaga	gccccctca	gagcccagca	cggagctggg	caaggctgaa	gcagacacag	1620
actcgga	acaggccctg	ctgcttgggg	acgaggcccc	cagcagtgcc	atctctctca	1680
gggacgtcaa	tgtgtctgcc	tagccctggt	ggcgggctga	ccctcgacct	cccagacacc	1740
acaattgtgc	cttctgtggg	ccaggcctgc	catgactgcg	tctcggtctt	ggccatgagc	1800
tctgcccagg	cccacaagcc	cctcccctgg	gctctcccag	gcagggagaa	tggggagagg	1860
gacctccttg	tgtctggcag	agacctgtgg	acctggcctc	cccactccca	gctctcttgc	1920
actgcaggcc	ctggggccag	cccgcacaca	ccatgcctcc	tgtctcaaca	ctgacagctg	1980
tgcctagccc	cggatgccag	cacctgccag	gtgccgcccc	ggggcaagg	ccccagcagc	2040
cctatggtga	ccgccacact	gtgccttaat	gtctgcccgg	ggcccaggct	gtgctgtccc	2100
tgcagcacgc	ctccttgag	ggatctgagc	cacctcctcc	gcacagccct	gcaccccgcc	2160
cctagggttg	gcagcctcag	ttggccccctg	gcagaggaac	aaggacacag	acattccctc	2220
agtgtggggg	gcaggggaca	cagggagagg	atggttgtcc	ctggggaggg	ccctctggcc	2280
ccaggcaacc	ttagccctc	agaacagga	gtcccaggac	ccaggagag	tgtggggaca	2340
ggacagcctg	tctctttag	cttcttgggg	tgggaggcac	aggggcaaag	caatacccca	2400
gggaaagtgg	gaggtggtgc	tgggtgctct	tccaggccca	ccatgctggg	agaggcggcc	2460
agagcctggg	gcctccagcc	tgggactgct	gtgatggggt	atcacggtga	tgggtccatt	2520
aaacttcac	tctgcaaaaa	aaaaa				2545

<210> 4074

<211> 1973

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (31)...(1017)

<223> similar to gi4432587 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4074

tgcacggaac	cgccgcgacg	atccacgcgt	acgcctgctg	cccttgccag	cctgcgcccc	60
tacacagact	atgtggttgt	ttcggaccag	attctccagg	agtccgagga	cttctttacg	120
ctcatcgagt	ctcatgaggg	gaagcccttg	aagctgatgg	tgtataactc	caagtcagac	180
tcctgcccgg	aggtgactgt	aactcccaac	gcagcctggg	gtggagaggg	cagtctggga	240
tgtggcattg	gctatgggta	tctacaccgg	atcccaactc	agccccccag	ctaccacaag	300
aagccacctg	gcaccccacc	accttctgct	ctaccacttg	gtgccccacc	acctgatgct	360
ctaccacctg	gacccacccc	cgaggactct	ccttccctgg	agacagggtc	caggcagagt	420
gactacatgg	aggccctgct	gcaggcacct	ggctcctcca	tggaggatcc	ccttctctggg	480
cctggggagt	ccagccacag	tgtctccagac	cctgatggac	ttccccattt	catggagact	540
cctcttcagc	ccccacctcc	agtgcagcga	gttatggacc	caggcttcct	ggacgtgtcg	600
ggaattttct	tcttggacaa	cagcaatgcc	agtgtgtggc	ccagcctgcc	ctcttcacac	660
gaactgacca	ccacagctgt	ctcaacctca	gggccagagg	acatctgctc	cagcagcagt	720
tctcatgagc	gggggtggtga	ggctacatgg	tctgggtcag	agtttgaggt	ctccttccctg	780
gacagcccag	gtgcccgaagc	ccaggcggac	cacctgcctc	agctgactct	tcctgacagt	840
ctcacctctg	cagcctcacc	agaagatggg	ctgtccgccc	agctgcttga	agctcaggct	900
gaggaggaac	cagcaagcac	agagggccta	gatactggga	cggaggctga	ggggctggac	960
agccaggccc	agatctctac	cacagaataa	caccctgggc	tgtgacaagg	cccatgatga	1020

catttcatga	ggcccagatg	tgggcaggca	gcccgggctg	cactatgcgg	tcaggattcc	1080
ttgctgcttt	ggtgggacat	gaggcctcag	tgggtggtga	gagggggcca	tgggctttgt	1140
gggaggatat	cttttggccg	tgtaccctca	ggtccagtgc	ttggtcctgc	tctggctact	1200
ggggcttccc	aggaggcagc	agggtctggt	cataatccag	tgtgaagatg	aggtgaggaa	1260
ggaaggggtt	gctgtccagt	gttggcctgg	tcgctttgat	tcttcctgca	cagctcagcc	1320
caccccatct	gtactggaag	ggaccctgga	gccttgggac	cacccctttt	caagtcccaa	1380
acactgagtc	ctctgtcatg	tgtccttgct	cctaggctac	aatgctacac	ttggctcagg	1440
ctgatcacca	tgctagtcac	aggagggaga	gagaggcagt	gtacttgccc	ccatctcctg	1500
gagggaggtg	cgttggaaat	tctaggccct	tcagcagaga	cccatttgtg	cccagaccac	1560
aatatttctt	cttcctcagg	gactacatgc	cacagacctg	tatccccagt	ggcaactcct	1620
gttagctccc	aaacttaaac	agtgatctct	tctaaatata	caaggcatct	acccagcccc	1680
aatagtgaat	aaaagtcaca	aatttaagtt	caacacccta	agcaatttct	caaagccagt	1740
ctacctgact	agggtctatcc	acggcacggg	tcccaacccc	aaggggaaat	taggggatta	1800
gattaagagt	aggtaaagac	ccttttgttc	tttcctgttg	taggggagga	agctgttctc	1860
cccaaccag	gtgcctttgg	gaggttaagg	ctagggttag	gccctgcact	ccacctgggg	1920
acggccccctc	atcacctgaa	gtcctctgct	gtgttgactg	gaccctcagt	tcc	1973

<210> 4075

<211> 713

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (628)...(176)

<223> similar to gi53182 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4075

cagagactgg	gccacgtgta	acgtagagca	caggtgaggg	tccacaccga	cgccagagag	60
cacccctacc	tcccacactg	gtgtttgcgt	tgtaactggg	agaaagggcg	acctggcccc	120
agccggcccc	tacctgtacg	tggggatgat	ctgcaggctg	gagtcgggct	ttatctgaaa	180
cttcagagtc	acccctcga	accaggggc	cactctctcg	gtgccccggc	aggggttcag	240
ctgtttccgg	ggccttctct	gggggtgggg	cgaggagtc	cccgggggct	gcagacggcg	300
gcccttttgg	ctgatcctgg	tctgtgtgtc	cttggaatcc	ctgtccagca	gcaggcgccc	360
ctgagtcccc	agagccatcg	ggctccagca	aggccccagg	accgggggtg	cctgggcagg	420
ggactgacct	agcctctcca	ctgtctcttg	gaggaagcac	agggcggtga	ccgactcctg	480
gcatgcaggc	cagagggacc	tctcactgat	tctgcagcat	cctgggggtc	tcggcttgct	540
ctgggagggg	gatcctccca	gccgctccag	gttcagacag	ggcggcgcca	gaagctttgc	600
tgggaggggc	gggacctgtg	tgggtgggagc	gctcttggtg	gaggatgcga	tgagccccag	660
ctgagagcga	ccagcctcgg	cggcaccttt	cctcttttctg	gcttttttca	ggc	713

<210> 4076

<211> 647

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(248)
 <223> similar to gi452987 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4076
 ttgtacgcgt cgacccactc gtgcggggagc tgctgatgca ggtggatgat gagcacctgt 60
 cattgactga tcagaaggac cagctgagct tgcgtttgaa agccatgaag cggcaggtgg 120
 aggaggctga tgaggaaatc gacagactgg aaagttctaa aaagaagctg cagagggagc 180
 tggaggagca gatggacatg aatgagcatc tgtaggggca gctcaactcc atgaagaagg 240
 acttaatact gaagaagctg ccgagtaaag tgctggatga catggatgac gacgatgacc 300
 tcagcacgga tgggggaagc ctctatgagg cgctgtgag ctacacattc tccaaggaca 360
 gcaccgtcgc cagccagatc tgagtgtctt cccgggctgt ggaagtacct gtcattcctg 420
 caggagctgc agccacccaa agtggggaggc agggagggga gcatctgtct gccactgaga 480
 ccaatcacag cctctttgca cagcatgcca gctcctcagt gttacattcc tcgccagggt 540
 ctctcagtgg gtcttcgaca gagagctttt gcagtttaaa atgttgggat gcctgaggac 600
 caggagccac caccactggg ggtgttgtga gagatacact ttggttag 647

<210> 4077
 <211> 901
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (717)...(260)
 <223> similar to gi1872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4077
 ctgatttctt caaggtgagt catcatcccc ctgctgctgc gcaccatgcc tgagtccaaa 60
 aatggctgga cattgcgtca ggaaatcaaa atcaccagca agtttcgagg caaatacctc 120
 tccattatgc ccctcggtaa ggttaccatc tttgtcagaa ttaatgctcc tggaatgaaa 180
 ggttttctgg cacgatggag gaggtcactg gctaaagagt caggagacag gaggtctgat 240
 tcgagcactg accctcacta actggctttg ggcagggtatt taacttttca gctatcaaat 300
 gagtgtggag gctagaaact cttaaggac ccactagtc cttaaattctt taccctctta 360
 gctatattta acgcatctct aagcactatt tagaacacaa gttctagcat gcattaaaaa 420
 aaaaaaattc tgtctcttaa ctgggggggt tttcttctct actttggcag tcaggttctc 480
 tctgtaaatc aaaactcatg attgcaaggt taggtttctt agctaattct tccgctttct 540
 cctctccttc ctcccttttc ctccacctga tgggttaggt atcatttatg taatggctga 600
 attctaggtc actgaaactt tatttttaaa agatcttact tggggctggg cacagtgcct 660
 caccctgta atcctagcac tttgggaggc cagggcaggc agattgtctg agctctggag 720
 ttcaagacca gctgggcaa catggtgaaa ccctgtcttt actaagaata caaaaaaatt 780
 agctgggtgt ggtggtgcac acctgtagtc tcagctactc gggaggctga ggcacaagaa 840
 ttgcttgaac ccgggaggcg gaggtttcag tgagctgaga ttgcactatt gcactccagc 900

<210> 4078
 <211> 1689
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(696)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4078
 gagcgcacga ggctgcagcg cggccgcgcg gcgcaacatg actgccgtcg gcgtgcaggc 60
 ccagaggcct ttggggccaaa ggcagccccg ccggtccttc tttgaatcct tcatccggac 120
 cctcatcatc acgtgtgtgg ccctggctgt ggtcctgtcc tcggtctcca tttgtgatgg 180
 gcactggctc ctggctgagg accgcctctt cgggctctgg cacttctgca ccaccaccaa 240
 ccagagtgtg ccgatctgct tcagagacct gggccaggcc catgtgcccg ggctggccgt 300
 gggcatgggc ctgggtacgca gcgtgggccc cttggccgtg gtggccgcca tttttggcct 360
 ggagtccctc atgggtgtccc agttgtgcga ggacaaacac tcacagtgcga agtgggtcat 420
 ggggtccatc ctccctctgg tgtctttcgt cctctcctcc ggccgggtcc tgggttttgt 480
 gatccctctc aggaaccaag tcacactcat cggcttcacc ctaatgtttt ggtgcgaatt 540
 cactgcctcc ttccctctct tcctgaacgc catcagcggc cttcacatca acagcatcac 600
 ccatccctgg gaatgaccgt ggaaatttta ggccccctcc agggacatca gattccacaa 660
 gaaaatatgg tcaaaatggg acttttccag catgtggcct ctgggtggggc tgggttgagg 720
 aagggccttg aaacggctgc ctggttgccg ataactgtg ggtggtcagc cagaaatggc 780
 cggggggcct ctgcacctgg tctgcagggc cagaggccag gaggggtgct cagtgccacc 840
 aactgcacag gcttagccag atgttgattt tagaggaaga aaaaaacatt ttaaaactcc 900
 ttcttgaatt ttcttccctg gactggaata cagttggaag cacaggggta actggtacct 960
 gagctagctg cacagccaag gatagttcat gcctgtttca ttgacacgtg ctgggatagg 1020
 ggctgcagaa tccctggggc tcccagggtt gttagaagt gatcattctt ccagctaagg 1080
 gtccaatcag tgcctattct tccaccagct caaaggcctc tcgtatgtat gtccctggct 1140
 tcagctttgg tcatgccaaa gaggcagagt tcaggattcc ctcagaatgc cctgcacaca 1200
 gtaggtttcc aaaccatttg actcgggttg cctccctgcc cgttgtttaa accttacaaa 1260
 ccctggataa ccccatcttc tagcagctgg ctgtcccctc tgggagctct gcctatcaga 1320
 accctacctt aagggtgggtt tccttccgag aagagttctt gagcaagctc tcccaggagg 1380
 gccacactga ctgctaatac acagccctcc ccaaggcccg tgtgtgcatg tgtctgtctt 1440
 ttgtgagggt tagacagcct cagggcacca tttttaatcc cagaacacat ttcaaagagc 1500
 acgtatctag acctgctgga ctctgcaggg ggtgaggggg aacagcgaga gcttgggtaa 1560
 tgattaacac ccattgctgg gatgcatgga ggtgaagggg gccaggaacc agtggagatt 1620
 tccatccttg ccagcacgtc tgtacttctg ttcattaaag tgctcccttt ctagtcccta 1680
 aaaaaaaaaa 1689

<210> 4079
 <211> 666

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(667)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(402)
<223> similar to gi5459148 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4079

tgaggcttgg	catgacaaat	ccgccctata	ttttatagca	tctggaggaa	atggcaaaaa	60
tgcttaatca	ccccagagtc	tacgcttttc	tgcacatacc	agtcagctct	gcctccgaca	120
gcgtactcat	ggaaatgaaa	agagaatact	gtgtggctga	cttcaaaaga	gtagtggatt	180
ttctgaaaga	gaaagtccct	ggaataacta	ttgctacaga	tattatctgt	ggttttcctg	240
gagaaacaga	tcaggatttt	caagaaacag	tgaaacttgt	tgaagagtac	aaattcccaa	300
gcctgtttat	taaccaatth	taccaagac	caggaactcc	tgctgcaaaa	atggaacaag	360
ttccagcaca	agtgggtgtct	cttcaaagga	ataaaacttcc	ttcctggcca	aagccttggtg	420
gcaaagtaat	tgaccacagc	tttgacagca	acaaagatga	cctcttcaca	tccacttcct	480
tagccctttc	cttccacttt	ctgtttcagg	agaagaagga	ccattttntt	gttattaaaa	540
tgactatgct	gttctaagaa	tttctgactg	attactccac	tcctgccatc	agcttcttct	600
ttacggccca	actctcctaa	aatatgggtgc	tggatttggt	gtgttgtaga	gtaaaaataa	660
tattgt						666

<210> 4080
<211> 1320
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (242)...(1052)
<223> similar to gi5441615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4080

cttagaccac	gtggtggaat	tcgagccatg	gatggcggag	ggagcgaatc	cacacgagag	60
ctctccagaa	tctgactacc	cacttggtga	tgaaccaggg	aagcattggg	aaagcaaaga	120
caatttttgg	aagtcagttt	tgctcacatt	caatataatt	ctgactatgg	agagaatcca	180
ccattataat	atgagcacia	ggcttaatcc	aatgagaaaa	aatcatata	aatcgtttga	240
gaagtgtttg	ccacctaat	tagacttact	taaatataat	agaagttata	ctgtagaaaa	300
cgcttatgaa	tgcagtgaat	gcgggaaaag	cttcaaaaaa	aagtttcatt	tcattagaca	360
tgaaaaaaat	catacaagga	aaaaaccttt	tgaatgcaat	gactgtggaa	aagcctatag	420

caggaaggca	caccttgcaa	ctcatcagaa	aattcataat	ggagagagac	cctttgtgtg	480
caatgattgt	gggaaggcgt	ttatgcataa	agcccaactc	gtgggccacc	agagacttca	540
cactggagag	aagccttatg	agtgcagtca	atgtgggaaa	acattcactt	ggaactcctc	600
atttaatcaa	cacgtgaaat	ctcatacact	tgagaagtca	tttgaaatgta	aggaatgtgg	660
gaaaaccttc	aggtatagtt	catcccttta	taaacattcc	agatttcata	caggagagaa	720
accctaccag	tgtatcatat	gtggcaaagc	ttttggcaac	acatccgtgc	ttgttacaca	780
ccaaagaatt	catacaggag	agaaacctta	cagttgtatt	gaatgtggca	aagccttcat	840
caagaagtcc	catctcctca	gacatcagat	aactcataca	ggagagaagc	cctatgaatg	900
taacagatgt	gggaaagcat	tttcccagaa	gtcaaattctt	attgtacatc	agaaaattca	960
tacataatat	tcacttttatg	aatatgagaa	ggccttatta	aatattttgc	taaatcttat	1020
taaatactaa	agaattcatg	gtgagaagtc	tacaatttaa	atgaatttgg	aagagtagat	1080
tcccataaaa	aacaaccaat	gccaatcatg	ttctggaagt	gataataaac	tttttacaga	1140
aaatatgaca	gaaaacaact	ataaataata	gagcataaag	cttggaaggt	aagcatacct	1200
taaaaaaatc	aaaagaacca	gttgaaaact	acatttgcca	ttcctgactt	ttaattttta	1260
taataaaaaat	aattatgcaa	gtgtgagttt	aaaatatatg	ccttatacat	tattattaaa	1320

<210> 4081

<211> 1494

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1495)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (133)...(550)

<223> similar to gi2811216 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4081

ccaatatattg	gtatcttcat	atgttatctc	taggtagatt	tacagggttag	tcatagtgca	60
gaaatatagg	acagaatcag	ggtgctataa	tgtcattctc	tagaaccctat	tccctttatt	120
ttcatttttag	gaaaagcctt	tacctcctct	caaagacctc	gacctaccag	cccattttct	180
actgacagta	acaccagtgc	agccctgagt	caaagtcaga	ggcctcggcc	cactaaaaaa	240
cacaagggag	ggcggatgga	ccaacaacca	gcattgcctc	atcgaaggga	aggaatgaca	300
gatgaggagg	ccttggtgcc	ctatagcaag	cccagtttcc	catctccagg	tggccacagc	360
tcacaggaa	cagcttcttc	taagggatcc	actggacctc	ggaaaaccga	ggtgttgaga	420
gcaggccacc	agcgcaatgc	cagcgacctt	cttgacatag	gatatatggg	ctccaacagt	480
caaggacagt	ttacagggtga	attatagtaa	atgagaggag	acatacaaag	ctgctctgaa	540
ggaccatcag	gtccggactc	atggaagtga	tgactctaaa	cagtgcattg	aacaatttat	600
ttatgtacta	ttaaaagaac	tgtaaatgca	atgtaaagac	acacagccac	acatatccca	660
cagatatattt	cattgtgttc	ttctcttaag	tacaccaccc	accttaacte	tttcttgtca	720
ggagtatata	aaaaagaaag	aaaacaaaac	tgcacctaca	ggaagaaaag	gattctcctc	780
tgtatataat	ttctttttgtg	cattgctatg	caagctcact	cttttttagct	ctgctcatat	840
tattgtctgt	tcttattggt	ctgttgtact	atatgtgaat	taataggctg	tggtgccata	900
tattaacttt	taattgtgta	actttttatgt	ttaaattttg	cactgcaatt	ttatttggtg	960
ataagcacia	atctctactc	ctcatgacat	gaagaaaaag	actgaatgtg	aagggagttt	1020

ctgtactgta	agctagattg	gataatgatg	gctgtaacaa	atcatgttag	atgggttttca	1080
gttgggggtg	agaaatagga	agatgcaaag	gaacaatggt	gttgggcaaag	tcttcttttga	1140
atatcagggg	ctgagtcagt	aaaaaaaaata	gtagaaaggt	ggctttttact	attgacaaaa	1200
gccgggggtc	aaaaaagtag	tttaagtctt	aagactgaat	atgcattaaa	gtatgcaggt	1260
agcaaagatg	ttaattaaat	ttgcttaaaa	aaaagaat	aaagttttat	ttagaatcaa	1320
ttttacctgt	cattgtaatt	gacccatctg	aganttacia	taagcaagag	gaaattaagg	1380
tgttttgcaa	gagctgtatt	tatattacca	gttttttttna	aaaacatttt	ctgaattatc	1440
cgtaattaag	ctctccact	tcgttaagtc	caggattata	atatgaagtt	cccc	1494

<210> 4082

<211> 2362

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2043)...(1574)

<223> similar to gi5901848 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4082

tctgggaacc	ttcaatgtat	tactgagacc	atgaaccaca	aaaataggtt	tgagttaggt	60
gtgagctaga	cctttctgga	ggctgaaagc	attcacacac	acacccctct	gctagttaga	120
tggacacaga	ccttgagcca	cagcacacgg	cagccagtcg	agctaggtca	caggatgatt	180
cttacaggac	actgatattg	atgtatttca	caaatgagaa	taagttggga	atgttagtgc	240
aatttaata	ccgtaagggt	gactttttaa	gataactga	tagttaaaaa	aaagacaatt	300
aaaaaatagc	attttgtttt	ttaaatggca	cccattaaag	actcaacagt	caaaatgaga	360
caaatcagtc	cttttagact	tcacagacaa	ttgaaaggca	ctttaaaaat	ccacttttta	420
aactaccact	tgagaacaca	tggtagcaca	gtcttaaat	cctcctagtt	gatcggaat	480
gatgaatgag	tggtggcacc	agaaaatcct	gcttgcagaa	gggggcgcag	gtgtcggtcc	540
acgggacagc	cactggccag	gctagctgcc	gcctcactcc	gcagccttct	gtggctaaat	600
ggcaggacgg	acacacagga	atgggctttg	gaccacaagc	tctggcatat	cgaggaggcaa	660
agcactcaag	tactctgcag	tctagatgac	acatttcctg	gtttggagga	cagaagtagg	720
tttccacatc	acatgaaaaa	gacagtgtca	cagtgggggt	accagtaaaa	cagctaccaa	780
agccatcatt	tcacgcttcc	ctgtagtttt	atgagctcgc	cctctgcctg	tggatatggg	840
gaaagccggg	catgaagggg	tgtgtgaaaa	agaacagcct	ctgtgactga	ctgcagtaag	900
ctcacaagtt	tgctactgtc	agacttagca	agtcagcctg	caaagggtgt	gctgatctct	960
tggccacact	acctactcag	gttcccatcc	atgcctcctg	cctgccccca	ccccagccc	1020
caccagttag	acttctgatt	ggaagtctat	agacataaga	attcaactct	gacccatgga	1080
tgagaggatg	aggcaaagaa	ccaatggggt	atctagtaaa	cgatcaataa	ctacctaccc	1140
acaatgattg	tcccaggcca	atgtcacaa	acgacattac	ttccaagaac	caagtcattc	1200
cttgcttctg	cgggcccgag	gccacgggta	ctgtcctgag	tggtttggaa	gggtgggtagc	1260
cgctgataca	gggacaggca	gatgtgcaga	cacttaccac	cctgggtccac	cgatccacc	1320
ccatgcttcc	acctcccaga	gctcttgaga	taagacctta	agaaggatcc	ttgggcttgc	1380
attaaaacca	ctttgctgtc	cgtggaggtc	tgacaggacc	caatagttgt	tactacaaaa	1440
gtgcttttgc	aaatagggca	agttagaaga	aggaggtaat	atgaatattc	tttagaaaaa	1500
ctcaaatcca	tcggcttatc	aatacccaaa	gtctgaggct	accaggggca	caatttggtc	1560
catggaatgc	tgagtggagg	aggcagctgg	tgtgaggctg	cgcctgactc	ccaggagcat	1620
ttagccatcc	tttttggtt	ggggagtgtc	aaagagccgg	actgccttcc	tgacagcag	1680
acagaaccag	tagatctgag	gagctacgag	gaaggcattg	gccacgttgc	agtagaatgg	1740

gatgctgaag	ggtacttggga	gcaggcttag	tccctgctgg	cggccatagg	accagtacat	1800
gaaggggaag	agaaggatcc	ggcaggaaaag	gaaggtggcc	agcgtgagga	ttccattcac	1860
cttgtagaga	aggggtgtgct	gctgcttttag	ctgaatcaga	accctgcccc	gcgacacaaa	1920
cggagtgtct	agttctgccc	tgaagatgca	gccgacaaaag	aagtcccca	ggtctccccg	1980
gagcctctgt	gcgactggca	caaggacaaa	gagaatgacc	gcatgatgtg	tgatcatgag	2040
gcggtttcga	cttaggaagt	ttcgaagagt	gagggagggc	gcacggttct	ggtctctggt	2100
tcggcaccat	tcacagaggt	acatggcgta	cgagtcatag	atcatgtatg	gaatcagaaa	2160
ccacacatat	tcccgggcaa	gccagtgcct	gccgggtgatc	acgtcgtcgc	aggagcgaat	2220
gatgacgac	cccagagccg	tggccagcac	ggcgtgcacc	gaggaaacca	gcctggtgct	2280
gatcatcacg	cagtcgggtg	ggctccatcc	gggctggggag	cggcgcagcg	cgcaggccaa	2340
agcgcgttgc	agcgggggtcg	at				2362

<210> 4083

<211> 2349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(1229)

<223> similar to gi538413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4083

gaaagcgagg	taaccacat	tacgccaagc	ttggcacgag	gccagggaaa	aaccctttgg	60
gcgtgatgag	agtggtaatg	ctttcaga	taattctggc	cttaaagtac	ataaacgaat	120
ccacactggg	gaacgacctt	acaaatgtga	agaatgtggg	aaagcataca	tctctctctc	180
gagccttata	aatcataaaa	gtgtacaccc	tggggagaag	ccctttaagt	gtgacgagtg	240
tgagaaggcc	ttcatcacat	accgaacctt	tacaaaccac	aaaaaagttc	atcttgggga	300
gaagccctac	aaatgtgatg	tgtgtgagaa	atcttttaat	tacacatcgc	tcctttctca	360
gcacagaagg	gtccacacta	gagagaaacc	ctatgaatgt	gacagggtgtg	agaaggtctt	420
cagaaacaac	tcaagcctta	aagttcataa	aagaatccat	actggggaga	ggccctatga	480
atgtgatgtg	tgtggaaaag	cctacatctc	acactcaagc	cttattaacc	ataagagtac	540
ccaccctggc	aagacacccc	atacatgtga	tgaatgtgga	aaagcttttt	tctcaagcag	600
aactcttata	agccataaaa	gagtcctatc	tggggagaaa	cccttcaagt	gtgttgagtg	660
tgggaaatct	ttcagttaca	gctctctcct	ttctcagcac	aagaggatcc	acacagggga	720
gaaaccttat	gtgtgtgata	ggtgtgggaa	ggccttcagg	aacagctcag	gcctcacagt	780
gcataaaaagg	atccacacag	gtgagaaacc	ctatgaatgt	gatgagtgtg	ggaaggcata	840
catctcacac	tcaagtctta	tcaatcataa	aagtgtccac	caggggaagc	agccctataa	900
ttgtgagtgt	gggaaatcct	tcaattatag	atcagtcctt	gaccagcaca	aaaggatcca	960
cactggaaag	aagccatacc	gatgtaatga	gtgtggtaag	gcttttaata	tcagatcaaa	1020
tctcaccaag	cataaaaagaa	cccatactgg	agaggaatct	ttaaatgtga	tatatgtggg	1080
aagtatatgt	ggcacatccc	agaagagaac	ctatgaggga	gggaatgcc	tggatggggg	1140
caggatgagg	atgcctctgt	agcaggcaga	gcttaccaag	tctctccgaa	ctcaaagtga	1200
agaaatacct	tatgaatgta	agaatgtagg	gggtcatggc	ttgtaattta	cacagtgtaa	1260
atgaaaccat	cctagaggat	tatgaggaat	cctttctatg	tgattttcaa	tcatagcaag	1320
caagaaaggc	tccagtgtca	aggtagttca	gctcttacag	gatataaaac	agtccatact	1380
tgagagaaaa	acttagatct	gagtgatgga	atgtgaagca	aatcttcaaa	atcagtagac	1440
atttctggac	ataaaacaca	gatgaggaaa	gggcttcaat	tagaagttac	gtaatcacca	1500
tcagaaagtt	catgtttggt	aaattctgtt	actagaaatg	taggaaattc	aggtatagct	1560

ttgaatccca	attacacatt	ggtcagtggg	aaaactaagg	gcctccaaca	ggcaaattca	1620
gggaggatag	gtttcagga	atataaattt	atttaatttt	agtgggtctt	aagtataaac	1680
ttgatgtaat	tgggttggga	gggggcagt	atgatgactt	ctgaaacaaa	atttggattt	1740
ccttttagga	aaagtagaaa	gcatagactt	acaagtctaa	caggagatag	gagagagtca	1800
ctcataaaaa	atgcaaattg	atgaacgtac	tattgtgata	cattagttga	atggatgaaa	1860
cttttttaaa	gtttcagatg	aactcccata	atgaatgatg	aatttgtgat	gagggataac	1920
ctggaagtgg	tattcacaca	ttatgctaca	ataaaagggt	ctaccgtgga	gaggattttg	1980
acacattcag	taactaatgg	aacacaccgt	caacatgaat	tcgcacctta	catgacagaa	2040
gtgattcagg	gattcctatg	aatagaaatg	ctgagaagga	acgcatttta	ttgcagaagc	2100
taaaaagcta	aagtaccagt	catctagaga	gaaggaaatt	aatgtttctt	aataatcctg	2160
ttaaatgttt	gattgttttt	ggaatgtgtt	attgtaaaga	tgtcatgcag	gacatgtata	2220
tgttgtctgt	tgtaaaatgt	taacgaatac	tttgttcagg	gctcactctc	tctttgtcat	2280
gaaagccagc	tccttgtggc	gaggtaaagt	ggaattccaa	taaagaaatt	ccttaaataca	2340
aaaaaaaa						2349

<210> 4084

<211> 1281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1282)...(433)

<223> similar to gi2723316 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4084						
tttttttttt	ttaatgtata	aagaaaagag	tttaagttgg	gcgcatatgt	gtgaaggcctt	60
aaatgaaaac	atgggtgcggg	catctgatca	ccctctagga	gagccctcag	gaagggttaaa	120
atcatggtgg	aaggcaaagc	gggtgtcggg	atttcacatg	gtgagaatga	gggcaagcga	180
cagggaagtg	ctatgcactt	ctaaacagcc	agacctcaag	agaagtcact	attgccagga	240
cagcaccaag	gggatgacgc	tacatctttc	tcagtttgaa	aaatccactt	ccatgattca	300
atcacctccc	aatgggcccc	acctccaata	cctggagatt	acaattccac	agggatttca	360
agagaagggg	taaatataca	aggtatatcc	agtaagtagg	aattattccg	gtggattcca	420
gaaactagga	caacgtctaa	ggccttggtc	acattgagtt	tagttgtaag	gctctctccc	480
agtatgtctt	attcgatggt	tagtgaggcc	tgagcgacaa	ataaaaagatt	tcccacactc	540
attacattta	taagggtttt	tgccagaatg	aattccttgg	tgtttgctga	gggaaaacaa	600
ccgccccaaag	gctttgccac	attcaataca	tttgtatctt	ttctctccag	tgtggattct	660
ctggtgactt	acaagatgtg	aactatgcct	gaataccttg	ccacattcat	cacatttata	720
tggtttcttt	cctgcatgaa	ttatctgatg	tgcatgagg	tttgagctcc	gtttaaaggt	780
tttgccacac	tcattacatt	tgtaaaggtc	gtctccagta	tgaacagtct	gatgaagtct	840
aagatggaca	cgctgactaa	aggaattccc	acactgattg	catttgtaag	gtttctctcc	900
ggtatgaatt	ctctgatgtc	tattgagttg	ggagccctga	ttaaaggcct	tgccacattc	960
atgacatttg	tatggtttct	ctccagtatg	aactcttcga	tgccctacaa	gatgtgaata	1020
ctgactgtag	accttgccgc	attcattgca	tttgtaaggt	ttctctccac	tatgaattct	1080
ccgatgcact	gtaagacgtg	aacattgact	gaagaccttg	ccacattctt	tgcatttgta	1140
aggcttctct	ccagtatgaa	ttctccgatg	ccttgcaaaa	gctgaacggg	cactgaagac	1200
cttgccacat	tctttgcatt	tgtaaaggtt	ctctccagta	tgaattctcc	gatgcactgc	1260
aagacgtgaa	tgttgactga	a				1281

<210> 4085
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (222)...(358)
 <223> similar to gi5225326 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4085

ctttttataa	ctctcctttt	catgtcacat	attcttctcg	attctagtga	ttgatcaaag	60
gacacctctt	cactttccct	tgccccctgg	acacctgtgt	ttatcccatc	ctgtttggct	120
tttctcacac	ctgcaaccac	agacctgcct	gagtttgtgt	aagggtttct	gaaataatgt	180
tccttctcct	tgctgtctgg	ctgtttgttc	atctccgtgt	acttgccttg	taggtgggca	240
cttcctctgt	ggtgtaccca	gcagccatgt	ttgcccccca	ggtggctgcc	aggggcgtgc	300
cagtggctga	atttaacacg	gagaccaccc	cagctacgaa	cagattcagg	tactgggata	360
ccctgatggg	agagggagat	gtgggaggca	ggtacagaca	tggtcatcta	aacatagttg	420
acctactcct	ctaattttta	aaaaagacat	agggtttgtg	tttttttgtt	tgatctgcag	480
ttgcttttat	ggaagaacaa	aatcattcac	tgtagactaa	ggtagggtag	ctctgtcatt	540
gtatgcgaaa	tttgccgcgg	gacttttgtt	tgttcacatt	ttgaacgctc	ttcttggatt	600
ccttaggctt	tgctttccct	tacattttta	agctagactt	agtgatgacc	tgtagtgtga	660
ggttacccaa	atgctccgca	agtaagcctg	ggagacgccc	ttgcagaacc	tcatcacctg	720
ccgttccttac	tgggaggcca	cctggcagat	acccctttgg	tctaatcgcc	aaggttatct	780
gtatctgtgg	ccatattatg	acactgatcc	tgcttcccaa	gtttgggtgg	gaagtgtaga	840
ttgtcatagt	atgcattttt	agtcttattc	ctgggtctgt	tttatttctt	catccatgtt	900
ctgtcttttt	tctaccccca	actttttttt	gcttttacct	ctaattcttg	tccatctagt	960
taattccttt	tgaataagtt	agaatataaa	taagtagtaa	attaatataa	atgaataaaa	1020
tagaaaactt	cagtgaacca	tcttgtcatt	actttaatca	acagtttcca	accttggtcg	1080
catattttta	aaatactgat	gcctgggtgc	cacctcatga	aatttcgatg	tcattgctct	1140
gagttgcagc	ccagacatca	tcattttgat	aagcttccta	ggtgattcct	gtgtgcagcc	1200
aggataggaa	ccactcttct	aagtctaaac	tgggatttaa			1240

<210> 4086
 <211> 379
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (35)...(267)
 <223> similar to gi4262296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4086
cggcacgagg agagctagca ccatgacttc aataccctgt atctttaacc tccttggttaa    60
gtttgtctct tccagaatca aagctgtaaa acaacacatc gttcttcaaa tggagcccca    120
gatgcagtcc atgactaaga tctaccgagg atccctggac cagcctgcta gcccatgctc    180
cgatgttaat gacatcgaag gcactcctcc cgaggaaatc tcaaatgcac aaccctact    240
atgccccaat taagcaggaa gcagttggag cagtcgacgg ccaacctccc caacagcact    300
tgggttttcc tgttgagagg ggttactgag agacaggact agctggattt cctaggccga    360
ctaacaattt ctaagcttg                                     379

```

```

<210> 4087
<211> 453
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (456)...(135)
<223> similar to gil48269 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4087
cgagattcaa tgtccgtacg ccggagatcg tcgtgagcgg aaactgcctg gtgatccccg    60
atatagtccct aatgtggcgc atccacgctc agataacgta ggtagcggtc tacatcggtg    120
tgtaaategg tcatacgcggt tcaatccaac gctccagaag ctccggcaac atcagcgcaa    180
tttcatgaag taactgcgtt cttgcccctt gttgatagtg actggcatcg cgactggtaa    240
acagcacgac acccaaatca gcacgcttc ccagcatcga catcgccacc gatcccaccg    300
ctttcgcttc cggtagcacc accagcagct ctggtccggt aagcggccca agatagtgt    360
gttcctgccc ctaacgctga atacgcagcg gttcgaaaga ctgacggctt aatgccagat    420
gagtgtggtt cgacggcgca cctaagcgcc agc                                     453

```

```

<210> 4088
<211> 498
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (500)...(32)
<223> similar to gi41565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4088
ataatcaatc tttacacaca agctgtgaat cactccatcc ccagctcttt taacttacgc      60
gtcaggggtg tgcggcccca gccgagtagc cgcgcgctt cctgtttatg cccctgcgta    120
tgtcgcaacg cggtcgtcag taacgtccgc tccagctctg gctgcgcttc ggaaagcaga    180
ttttgatgac cggaacgcag cgctctgtct gccactgcg caagaagcgt cggccagctg    240
tccggttgca tttgcgaagt actctccgca accgttgatt caaacagttc gccgggcaaa    300
tctgaatca acacttctcg cccggcgccc atcacggtta gccagcggca ggtgttttcc    360
agctggcgca cgttgccctg ccacgccaga cgcgtcagag cagcttcggt ttccggatgc    420
agtaacttcg cttatacgcc cagttcgcgc gcggcaacct gtaaaaaatg gcgcgccaga    480
cgggcaatat cttccttt

```

<210> 4089

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(19)

<223> similar to gil825606 in the genepept database release 114,

Run with FASTXY 3.3t00; default parameters

```

<400> 4089
tggaaaactt tcaacatttc atggatagaa taagtaatgg tgggttagaa gaaggaaaac      60
ctgttgatct agttcttagc tgtgtggaca attttgaagc tcgaatgaca ataaatacag    120
cttgtaatga acttggaaca acatggatgg aatctggggg cagtgaaaat gcagtttcag    180
ggcatataca gcttataatt cctggagaat ctgcttgttt tgctgtgtgt ccaccacttg    240
tagttgctgc aatatattgat gaaaagactc tgaaacgaga aggtgtttgt gcagccagtc    300
ttctaccac tatgggtgtg gttgctggga tcttagtaca aaacgtgtta aagtttctgt    360
taaattttgg tactgttagt ttttaccttg gatacaatgc aatgcaggat ttttttcta    420
ctatgtccat gaagccaaat cctcagtgtg atgacagaaa ttgcaggaag cagcaggagg    480
aatataagaa aaaggtagca gcactgccta aacaagaggt tatacaagaa gaggaagaga    540
taatccatga agataatgaa tggggtattg agctggtatc tgaggtttca gaagaggaac    600
tgaaaaatth ttcaggtcca gttccagact tacctgaagg aattacagtg gcatacaca    660
ttccaaaaaa gcaagaagat tctgtcactg agttaacagt ggaagattct ggtgaaagct    720
tggaagacct catggccaaa atgaagaata tgtagataat ggactgggat atattgtatt    780
tctcatgtta aagcctcttc ccttgaaatt aaaaaaaaaa ttttaactgat aaaacttagg    840
gcaacattaa ttaatgtata ttcttacctg aattgttata ctttttgaaa atcctgtgac    900
ttgctgttt ctcccgcctc caacgaaatc attaactctc ctaaaatgtg tttcattcta    960
gtaagaaaac ctcaaaggat attgtaggat ataaatctta cttgaaaaca tagctgttga   1020
aatgttttgg ccttttggag tgggggaagg acaaactctg tctgtaatc tttttcttcc   1080
cagtaatccc ttgtgtctgt tgcatgagga catggacaat aaagtagtat atgacctca   1140
gatacagga gaaggacaag gcatacagct tattgattag agctggcaag catcttctca   1200
ttatgtttgg aattgctttc tataagaaaa ttgccacta ctactaact gatcaacaat   1260
gaattcaaaa tagttaacct atgaaataac atcctctcaa atgtttgctg atgaagtaca   1320
agttgaaatg tagttattgg aaaagtctgt aacctgtgga tcatatatat tcaaagttag   1380
acaaaggcaa ataaaaagca gctattttca tgaatagaca aagttgattt caggaagtat   1440
aaattatatt ctgcaccgaa caagggaaca gaaattattg catctgtgga acatatatct   1500

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<210> 4090
 <211> 1766
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (113)...(742)
 <223> similar to gi3986746 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4090

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gaggcagttg	gaggttagcgc	aagttgaaaa	ccagctgcta	aaaatgaagg	tggaatcgtc	180
ccaagaagcc	aatgctgagg	tgatgcgaga	gatgaccaag	aagctgtaca	gccagtatga	240
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tatattttgt	tctactaaaa	aaaaaa				1766

<210> 4091
 <211> 1455
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(366)
 <223> similar to gi5690449 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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 ccacctgggt ggagagggcc aaagaggcca ccatctctat gggaagtgcg gtgtttgcag 180
 gtgtggccat gaccaacctg cctggcatcc ttgtcctggg cctcgccaag gccagctca 240
 ttcagatctt cttcttcgcg ctcaacctcc tgatcactct gctgggcctg ctgcatggct 300
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 tgactgcccc ttgacacacg ccctcctcaa atcctagggg aggccattcc catgagactg 660
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 aaggatgctc tcataagcac cttggtcatg gattagcccc tcttgaaaaa tgggtgtggg 1200
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 tcccaggcct caaacagcc caaccgagc ttttggacag ctctccagaa gcatgaactg 1380
 cagtggagat gaagatcctg gctctgtgct gtgcacatag gtgtttaata aacatttggt 1440
 ggcagaaaaa aaaaa 1455

<210> 4092
 <211> 1784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (274)...(840)
 <223> similar to gi3875250 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4092
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gctagctcag	agcagcctgg	gcagctaata	tccttcagtg	aggccctgca	gcacttccag	180
actgtggacc	tttccccctt	caagaaaaga	atccagccaa	ctattcgaag	gactgggctc	240
gccgccctcc	gacactacct	cttcgggcct	ccaaagctcc	accagcgcc	tcgggaagaa	300
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cgagtcctcc	agaccatcta	taagaagctg	accggctcca	agtttgactg	tgccttccat	420
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<210> 4093

<211> 6723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(3646)

<223> similar to gil63522 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4093

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gagctactgg	atctcagcct	tgtcaaagat	gccagatgtg	ggagacacgc	caaagctccc	240
aaggacccca	aattacgtga	acttttggat	gtggggaaca	tcggg'gcct	ggagcagcgc	300
atgatcacag	tgggtgatgg	gcctgacctc	gtgaacatct	cccatttgaa	tctcgtggct	360
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ctggcccaaa	acatgtccag	ggatgcattt	ctggaaaaag	cctatactaa	acttaagctg	480

caagtcactc	cagaagggcg	tattcctctc	aaaaacatat	atcgcttggt	ttcagcagat	540
cggaagcgag	ttgaaactgc	tttagaggct	tgtagctctc	catcttcaag	gaatgattca	600
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ttaattaata	ctcctgtagt	agataagctg	tcattaagta	attcccaaaa	aaagggccat	6420
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tggattggac	gttgtgactc	ttgcctttta	agaagaaaaa	aaagatagga	caaagtattt	6540
gaagctctta	aaatgtacat	attttggttc	ttctatctca	aattatttaa	aatgcataat	6600
tcacattttt	gtaataattc	tatgcaattt	tgtggcatga	tgtttcttcc	acttgaattt	6660
ttatgtgctt	tcatcacaaa	tccaaaggaa	agaataaaaa	tttcttaaca	caaccagcg	6720
ggt						6723

<210> 4094
 <211> 1987
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (83)...(1836)
 <223> similar to gi4960047 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4094

tttcgtggcc	gcgcgagcca	ccacaggagg	aggaggagga	ggagcggacg	tcggctttctc	60
cccgcgggag	cccccagcat	gggaaattaa	aagagagacg	gaattcaagg	atgacagttt	120
gcccataaaa	cgggaaaggc	atgggaatgt	agcaagtctt	gtacaacgaa	taagcaccta	180
tggacttcca	gctggaggaa	ttcagccaca	tccacaaacc	aaaaacatta	agaagaagac	240
caagaagcgt	cagtgtaaaag	ttctttttga	gtacattcca	caaaatgagg	atgaactgga	300
gctgaaagt	ggagatatta	ttgatattaa	tgaagaggta	gaagaaggct	ggtggagtgg	360
aaccctgaat	aacaagttgg	gactgtttcc	ctcaaatttt	gtgaaagaat	tagaggtaac	420
agatgatggt	gaaactcatg	aagcccagga	cgattcagaa	actgttttgg	ctgggcctac	480
ttcacctata	ccttctctgg	gaaatgtgag	tgaaactgca	tctggatcag	ttacacagcc	540
aaagaaaatt	cgaggaattg	gatttggaga	cattttttaa	gaaggttctg	tgaaacttcg	600
gacaagaaca	tccagtagtg	aaacagaaga	gaaaaaacca	gaaaagccct	taatcctaca	660
gtcactggga	cccaaaactc	agagtgtgga	gataacaaaa	acagataccg	aaggtaaaat	720
taaagctaaa	gaatattgta	gaacattatt	tgccatgaa	ggtactaatg	aagatgaact	780
tacttttaaa	gagggggaga	taatccattt	gataagtaag	gagactggag	aagctggctg	840
gtggaggggc	gaacttaatg	gtaaagaagg	agtatttcca	gacaattttg	ctgtccagat	900
aaatgaactt	gataaagact	ttccaaaacc	aaagaaacca	ccacctcctg	ctaaggctcc	960
agctccaaag	cctgaactga	tagctgcaga	gaagaaatat	ttttctttaa	agcctgaaga	1020
aaaggatgaa	aatcaacac	tggaacagaa	accttctaaa	ccagcagctc	cacaagtccc	1080
acccaagaaa	cctactccac	ctaccaaagc	cagtaattta	ttgagatctt	ctggaacagt	1140
gtacccaaag	cgacctgaaa	aaccagttcc	tccaccacct	cctatagcca	agattaatgg	1200
ggaagtttct	agcattttcat	caaaatttga	aactgagcca	gtatcaaaac	taaagctaga	1260
ttctgaacag	ctgcccctta	gaccaaaatc	agtagacttt	gattcactta	cagtaaggac	1320
ctccaaaagaa	acagatgttg	taaattttga	tgacatagct	tcctcagaaa	acttgcttca	1380
tctcactgca	aatagaccaa	agatgcctgg	aagaaggttg	ccgggccggt	tcaatggtgg	1440
acatttctcca	actcacagcc	ccgaaaaaat	cttgaagtta	ccaaaagaag	aagacagtgc	1500
caacctgaag	ccatctgaat	taaaaaaaaga	tacatgctac	tctccaaagc	catctgtgta	1560
cctttcaaca	ccttccagtg	cttctaaagc	aaatacaact	gctttcctga	ctccattaga	1620
aatcaaaagct	aaagtggaaa	cagatgatgt	gaaaaaaaat	tccctggatg	aacttagagc	1680
ccagattatt	gaattgttgt	gcattgtaga	agcactgaaa	aaggatcacg	ggaaagaact	1740
ggaaaaactg	cgaaaaagatt	tggaagaaga	gaagacaatg	agaagtaatc	tagagatgga	1800
aatagagaag	ctgaaaaaag	ctgtcctgtc	ttcttgagt	gtgtggacct	ggtgttcata	1860
atgttccagg	gattcagaag	caacgctatg	aacttcagct	gacttggtac	ttaaaaaatt	1920
gtgaattctg	ttgttgtgat	aaatatgagc	aatgaagt	taatattctat	agaaaagtag	1980
agtgagg						1987

<210> 4095
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (222)...(1071)

<223> similar to gi487785 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4095

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cggtaccca gcaggacca gatggcagt gagccagttt ctcattctt gccaggggca 60
cccagccgca tggctacct gccagaagt tacacagccc cagtgatcag tgcccacca 120
gagcaaagac cccagagcct ggagcccagc agtctggctt ccctacactc tcgaggagcc 180
ctcctggccc agcaggaagc tccccaaagc agggggcgac gtaccgggtg ggagagtgtg 240
gcaaggcatt cctacagctg tgccacctaa agaagcacgc atttgtgcac acgggccaca 300
agccctttct ttgactgag tgtggcaaga gctatagctc agaggagagc ttcaaagccc 360
atatgctggg ccaccgtggg gtgcggccct tcccctgtcc acaatgcgac aaggcctatg 420
gcaccagcg agacctcaaa gagcaccagg tggtagcttc aggtgcccg ggcccttgcct 480
gtgaccagtg tggcaaggcc tttgcccgc gccctccct gcggctgcat cgcaagacct 540
accaggtgcc agctgccct gcccttgcc catgccctgt gtgtggggcg cccctggcca 600
accagggctc cctgcggaac catatgaggc tccatacagg agaaaagcct ttctgtgccc 660
cgactgtgg ccgggcgttt cgtcagcggg gcaacctgcg tgggcatttg cggtccaca 720
ccggggagcg tcttaccgc tgcccacact gtgcgatgc cttccccag ctgcctgaac 780
tgccggcgcca tctcatctca cacaccggg agggccact gtgccgggtg tgtggcaagg 840
ccctccgaga cccacacacg ctccgagctc acgagcgct gcaaccgga gagaggccct 900
ttccctgtcc ccagtgtggc cgtgcttaca cgctggccac caagctgcgg cgccacctca 960
aatctcactt ggaggacaag ccctaccgt gccccacctg tggcatgggc tacaccctcc 1020
cgcagagcct caggcgcat cagctcagtc accggcctga ggcaccctgc agccaccct 1080
ctgtgccttc tctgtcttct gagccactg tgggtgctct gcaggctgag ccacaactgc 1140
tggaacaca cagagaggag gaagtctccc ccgccaggga tgttgttgag gtcaccattt 1200
cagaaagcca ggagaagtgc tttgtggtgc cagaggagcc agatgccgcc cccagcctgg 1260
tgctaattca taaggacatg ggcctcggcg cctgggcaga ggtggtggag gtggagatgg 1320
gcacct 1326
```

<210> 4096

<211> 1803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1764)...(582)

<223> similar to gil652625 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4096

```
ttttttgccc caaggggggt taagtggggg acccccggg tttccccgc cccgcgggtg 60
taaaacgcgg gcccggaat tgaatttggg ggcccatta aaaaaatttt tccttgcccg 120
cccggggtag gtaaactggg tcccataaaa cgggcccccc cttttttttt tttttccaga 180
atgcctttat tttcagtatc atagaattta aatacagagt caaaagatga tttataaaat 240
ataaaacatt ttctgcttgg ccgtatttga agacaagctg aatacatatc tatgttctga 300
ataagtccac tatggatata tataggaaga gatatacata tatccatcca cagatacaca 360
```

cacacatata	tattttctgca	tgtatatata	cataattctt	tctatagtta	caggaaatac	420
ttcttctata	attctgattt	tgactcccat	cctccaccat	ttactcatcc	actcattacc	480
taaactcttg	ctttctttcc	tattattgtaa	ataatccatc	caaacttcta	gccagtactg	540
tcaggagggt	tcttgctcga	gtgagctggt	aatactatct	tccactgaca	acttctgcac	600
atcgaggaca	cagtgtatct	gaagactccg	ctgtatactt	ccaacaacgg	gggcattttt	660
ctttcgtagt	cggcatgaca	attactttat	aggaagactc	ttcacgaata	tcaccacctt	720
ctaagttgat	gaggaatttc	cctttaagct	cgattacatc	tgcagtcac	tctcgtgggt	780
cctgagccag	taaagttgac	tcagaagcca	tcattaattc	attcaactga	gagggtgctg	840
aagtctcttc	agactgcagc	atctctatta	tctcaaaaag	cagtccaggt	tctatcacag	900
tgataacctt	gtactcagct	gcatttttgc	cagggatgct	tccaagaaat	gagtctcgca	960
ttgcacacgc	actctccaca	gcttcttcca	acccgggctt	ttccagata	gaactagtac	1020
taatccaccc	agtacggaaa	acactcttgg	gctctttaat	ataaggtatg	tgctggaaca	1080
cctcttcagc	cagggtgagga	agaatgggag	caaaagaacg	aactattaca	tccaaaattt	1140
caactaatgc	agtctgacaa	gagcgtcggt	tggggtcatt	ttccttttca	caatagagcc	1200
tatctttgat	tatactgaaa	taaaagttag	agagctctct	ggtataaaac	gtccgtaaca	1260
gccgaacaac	ttttccaaaa	tcatattggt	tgtataattc	ggtaatcttg	tttgccaaat	1320
cctgcagtaa	gtgtagcatg	tactgggtct	tgacatacat	atcgtttaca	gggatggaat	1380
ctgtttctgg	gttgaaatca	gccacatttc	ccaaaagaaa	gcgaagtgt	ttcctaagct	1440
tgctaataatc	atctctggca	gcattgagca	cggatggggc	aattgcaact	tcgggtgaaga	1500
cattggaatc	agctaccac	cagcgaagga	catcagcacc	atacggaggc	tctttgcttt	1560
gatcttgtcc	tccattaacg	acaacatcag	gatgaatgac	attcccaaga	gacttggaca	1620
tcttttctcc	cttttctcca	agggtaaatc	catgaacaat	caactgtctta	taaggtgctc	1680
tcttccttgc	tgccacactt	gttaataagg	atgactgaaa	ccaacccccg	agctggtctt	1740
ttccttccaa	gtacaaatct	gctctttggt	caggacctgg	aagaacataa	gacctatgaag	1800
ttc						1803

<210> 4097

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (748)...(176)

<223> similar to gi606661 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4097

tttttttttt	ttaatttgca	aaaaaaatct	tttattggca	tgaaaataat	gttgtaaagt	60
gcaccaaata	ttccacttaa	atgcatatac	agtattagag	tcaaaaacta	ttttatccct	120
ctttgctggt	tttccccctt	ctgcccactt	tctgggtgt	tggggggggc	cgctgacaac	180
agtcacaaat	ccagcgacct	gatggaatag	caccaaggcc	cacacaaaaa	gtatgataac	240
ctctgtcaca	catatcacag	aacatcattt	cttcttcatg	gtgggggtgt	ccacatataa	300
tgcattgttt	acattccata	cactgccatg	ggtaggtctt	aatcatagaa	acaagctcca	360
ttgtcatatc	caggcaagaa	ggatggccac	tattctcaca	ttgggagcag	tgtataagt	420

attcagcctt	tcctttcttg	ttggactcct	tacccttcag	acaaattcca	catatagcat	480
ttggaatgac	ctttggcttg	taccaggaa	ctgacttgga	cagtacagaa	cgtttgggac	540
catcttttct	tggagtggca	gctttgtctt	ttgatttctg	tcttccctgg	aaagagtcct	600
cctggctgtc	aggagggctt	tccccttcag	atacattgcc	agaggagctg	tccgaagtgc	660
ctttattttt	ccgtttctca	tcacctcgac	catcttcgcc	atcatctgaa	tcaccatcac	720
tgtctagagc	agggagctca	ggatccctcg	tgccgaattc	gtgcagcgca	atcgagggnt	780
cgcgt						785

<210> 4098

<211> 2035

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (153)...(832)

<223> similar to gi929571 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4098

cggcacccgat	ccgcaattcc	eggatcgacg	atttcgtgcg	cagagtggag	tcaaaggcaa	60
ccagtgtctg	ctgcggtctc	tggggatcgg	gaccgcggcg	gcggcccgcg	agcgggatgt	120
tccggggctt	gagcagttgg	ttgggcttgc	agcagccggt	ggcaggcggt	gggcagccca	180
atggagatgc	tccacccgag	cagccgtccg	agacggtggc	tgagtctgcg	gaggaggagc	240
tgcagcaagc	gggagaccag	gagctcctcc	accaggccaa	agacttcggc	aactatttat	300
ttaactttgc	atctgtgtcc	acaaaaaaga	taactgaatc	agttgctgaa	acagcacaaa	360
caataaagaa	atccgtagaa	gaaggaaaaa	tagatggcat	cattgacaag	acaattatag	420
gagattttca	gaaggaacag	aaaaaatttg	ttgaagagca	acatacaaa	aagtcagaag	480
cagctgtgcc	cccatgggtt	gacactaacg	atgaagaaac	aattcaacaa	caaattttgg	540
ccttatcagc	tgacaagagg	aatttccttc	gtgacctcc	ggctggcggt	caatttaatt	600
tcgactttga	tcagatgtac	cccggtggcc	tggtcatgct	ccaggaggat	gagctgctaa	660
gcaagatgag	atttgccctc	gttcctaaac	ttgtgaagga	agaagtgttc	tggaggaact	720
acttttaccg	cgtctccctg	attaagcagt	cagcccagct	cacggccctg	gctgcccac	780
agcaggccgc	aggaaggag	gagaagagca	atggcagaga	gcaagatttg	ccgctggcag	840
aggcagtacg	gccccaaaacg	ccaccggtg	taatcaaatc	tcagcttaaa	actcaaggag	900
atgaggaaga	aattttctact	agcccagggtg	tttctgagtt	tgtcagtgat	gccttcgatg	960
cctgtaacct	aaatcaggaa	gatctaagga	aagaaatgga	gcaactagtg	cttgacaaaa	1020
agcaagagga	gacagccgta	ctggaagagg	attctgcaga	ttgggaaaaa	gaactgcagc	1080
aggaacttca	agaatatgaa	gtggtgacag	aatctgaaaa	acgagatgaa	aactgggata	1140
aggaaataga	gaaaatgctt	caagaggaaa	attagctgtt	cctgaaatag	aagaataatc	1200
cttaacagtc	tgcaaaactga	cattaaattc	tagatgttga	caattactga	atcagaaggc	1260
atgaaagagt	ataattttat	gaaattcaaa	attattcttt	tttcaagttg	aaacttgcct	1320
cttctacttt	aaaaaagtat	atagaacagt	tacttcta	aatcagaaag	agatgtttta	1380
tagaacattt	ctttaatata	aagttagaga	tgtcttcata	ggcagtatgg	ctatctttgc	1440
cacagaaaca	taagtaaaat	tttagagttc	tgttttccat	gaggtcaaaa	atataattta	1500
ttcctcagtc	atggtttttct	aaatatctgt	actccacatt	ccattttaat	tgatatgagg	1560
gtgttaaagt	acctacttaa	tggggttgat	tactacaaaa	atgaccaa	tataccaaag	1620
aacttaagag	gaagcacttt	cagaactatt	cacttgccag	gtattttcta	aaattccacc	1680
tgaaagccaa	aagataaaat	aaataagttg	attttaatga	tataagcatc	acacaatttt	1740
acattaagaa	atactgtgca	ggccatgcgt	ggtggctcag	gcctgtgatc	ccagcacttt	1800

gggaggccga	ggtgggcgga	tcaccggagg	tcaggagttc	gagaccagcc	ttgccaacat	1860
ggtgaaaccc	tgtctctact	gaaaatacaa	aagttggccg	ggcatggtgg	cgggcacctg	1920
tgatcccagc	tactagggag	gcttttgaac	gccaggaggc	ggaggttgcg	gcgagctggg	1980
atcgcgccac	tgactccag	cctgggtgat	agagtggat	tcagtctcaa	aaaaa	2035

<210> 4099

<211> 1348

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(818)

<223> similar to gi3925215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4099

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gaaatggcag	agaatggaaa	aaattgtgac	cagagacgtg	tagcaatgaa	caaggaacat	180
cataatggaa	atttcacaga	cccctcttca	gtgaatgaaa	agaagaggag	ggagcgggaa	240
gaaaggcaga	atattgtcct	gtggagacag	ccgctcatta	ccttgacgta	tttttctctg	300
gaaatccttg	taatcttgaa	ggaatggacc	tcaaaattat	ggcatcgta	aagcattgtg	360
gtgtcttttt	tactgctgct	tgctgtgctt	atagctacgt	attatgttga	aggagtgcac	420
caacagtatg	tgcaacgtat	agagaaacag	tttcttttgt	atgcctactg	gataggctta	480
ggaattttgt	cttctgttgg	gcttgaaca	gggctgcaca	cctttctgct	ttatctgggt	540
ccacatatag	cctcagttac	attagctgct	tatgaatgca	attcagttaa	ttttcccgaa	600
ccaccctatc	ctgatcagat	tatttgtcca	gatgaagagg	gactgaagg	aaccatttct	660
ttgtggagta	tcatctcaaa	agttaggatt	gaagcctgca	tgtgggggat	cggtacagca	720
atcgagagc	tgccctccata	tttcatggcc	agagcagctc	gcctctcagg	tgctgaacca	780
gatgatgaag	agtatcagga	atttgaagag	atgctggaac	atgcagagtc	tgcaaaaaaa	840
tcatatactg	ttgcctgctg	cagtggctca	cgctgtaat	cccagcactt	tgggaggcca	900
gggtgggtgg	atcgcttgag	gtcgggagtt	cgggaccggc	ccggctaatt	ttttgtattt	960
tcagtagaaa	tgggatttca	tcatgttggc	caggctggtc	ttgatctcct	gacctcagat	1020
gatccgcccc	cctccgcctc	ccaaagtgtc	gggattacag	gcgtgagcca	ctgcaccggg	1080
cctcaagata	tatttttagag	gtagaattga	caaggcttga	caacagatta	aatgaggagg	1140
atgaaggaga	gggaggagtc	cgggatgacc	ctcccatttc	tggcttcagc	agttgggcag	1200
atgatactgt	cattcactaa	gactggaaac	acctgaggat	agacaagtct	cagtgaaaag	1260
tgggtgattcc	actttgggac	ccacttgagt	ttgagatgcc	ccgagaacct	caagcagaca	1320
cgcttggcag	gcaacacaga	tcgtcacc				1348

<210> 4100

<211> 3285

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1795)
 <223> similar to gi4558756 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4100

atggcatttc	aggcaagcca	caggccagcc	tggggaaaaa	gcaggaagaa	aaactggcaa	60
tacgagggcc	caacccaaaa	gttattcctg	aagagaaaca	acgtgtcagc	accagatggg	120
ccttcagacc	ccagcatctc	cgcgagcagt	gagcaaagcg	gggcacagca	gcctcccggg	180
ttacaggttg	aaaggattgt	tgacaaaagg	aaaaataaaa	aagggaagac	agagtatttg	240
gttcggtgga	aaggctatga	cagcgaggac	gacacttggg	agccggaaca	gcacctcgtg	300
aactgtgagg	aatacatcca	cgacttcaac	agacgccaca	cggagaagca	gaaggagagc	360
acattgacca	gaacaaacag	gacctctccc	aacaatgcta	ggaaacaaat	ctccagatcc	420
accaacagca	acttttctaa	gacctctcct	aaggcactcg	tgattgggaa	agaccacgaa	480
tccaaaaaca	gccagctgtt	tgctgccagc	cagaagttca	ggaagaacac	agctccatct	540
ctctccagcc	ggaagaacat	ggacctagcg	aagtcaggta	tcaagatcct	cgtgcctaaa	600
agccccgtta	agagcaggac	cgcagtggac	ggctttcaga	gcgagagccc	tgagaaactg	660
gacccccgtg	agcagggtca	ggaggacaca	gtggcaccgc	aagtggcagc	ggaaaagccg	720
gtcggagctt	tattgggccc	cggtgccgag	agggccagga	tggggagcag	gcccaggata	780
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gttaacggga	aaggtacatc	tccgttcatt	gatgcattaa	cagccaatgg	gacaaccaac	900
atacagacat	ctgttacagg	agtgactgcc	agcaaaagga	aattttattga	cgacagaaga	960
gaccagcctt	ttgacaagcg	attgcgtttc	agcgtgaggc	aaacagaaag	tgcttacaga	1020
tacagagata	ttgtggtcag	gaagcaggat	ggcttcaccc	acatcttggt	atccacaaag	1080
tcctcagaga	ataactcact	aaatccagag	gtaatgagag	aagtccagag	tgctctgagc	1140
acggccgctg	ccgatgacag	caagctggta	ctgctcagcg	ccgttggcag	cgtcttctgt	1200
tgtggacttg	actttattta	ttttatacga	cgtctgacag	atgacaggaa	aagagaaagc	1260
actaaaatgg	cagaagctat	cagaaaacttc	gtgaataact	tcattcaatt	taagaagccc	1320
attattgtag	cagtcaatgg	cccagccatt	ggcttaggag	catctatatt	gcctctttgc	1380
gatgtggttt	gggctaataa	aaaggcttgg	tttcaaacac	cctataccac	cttcggacag	1440
agtcagatg	gctgttctac	cgttatgttt	cccaagataa	tgggaggagc	atctgcaaac	1500
gagatgctgc	tcagtggacg	gaagctgaca	gcgcaggagg	cgtgtggcaa	gggcctgggc	1560
tcccagggtg	tttgggcccg	gacgttcact	caggaagtga	tggttcgcat	taaggagctt	1620
gcctcgtgca	atccagttgt	gcttgaggaa	tccaaagccc	tcgtgcgctg	caacatgaag	1680
atggagctgg	agcaggccaa	cgagagggag	tgtgaggtgc	tgaagaaaat	ctggggctcg	1740
gcccagggga	tggaaagcac	gttaaagtac	ttgcagagga	agatcgatga	gttctgagtg	1800
tcgggctgcc	cactggtgac	accgggatcg	ggctgagcag	gagaacatca	ccggctccag	1860
ttgccctgat	ccattctcac	agcctgaaac	aagctcacc	gtagcttacg	cttgaagca	1920
ggactgggaa	catccacgct	atattattat	gaggagtttt	aaagtactgt	aactttaaaa	1980
taaataacta	caaagcttct	ttgtccaaac	gtcattattt	tatacttata	tacacgcagg	2040
tgtaaaagta	taaagggtgag	cactagactg	ctcttagaag	ctctaatttt	tgttttcttt	2100
ggctagtact	gtataaaaaa	cagaattgtg	ttttatttgt	tttggtatgac	agaaaagtct	2160
ggaataatgt	ttgttttcct	catttcttcc	ttctagaaca	cagaatctaa	aggggtatta	2220
gccagcctcg	cctccctgcc	ccacgtagag	acacagagtg	atgtgaggcg	ttggcttttt	2280
ctccaagaag	gtacagatac	ctcagattcg	ggaaactcaa	aatcaaaaga	cttagcttct	2340
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taggattcat	gctgagatat	caattgggtt	ccccttcttt	ttaaaatacg	tccagttctt	2460
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aatcactgaa	tagcttaagt	atgactatct	aagttataag	ttagtcttta	gtgggtttta	2580
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aaatactact	ttatagacag	ttttgggttt	ctgtttgcag	gtatggattg	atgtatttca	2700
ccaaaataaa	atatttttat	gtttataaa	tgtaattttt	aggttcactt	agaatatatt	2760
ttatttaata	agttaaaatt	cttttggcac	actattaaat	gcaaaaactc	ctttcaaac	2820

aaaaaagaac	taccttatat	tcaacattta	atgttcttgg	cctctgcttt	tatgtctata	2880
caatatactg	agttcagtat	ggtgtccaag	agtgcctgt	gtggatagac	atgtgcactc	2940
cttccaggag	tgggtactga	ttccagactc	cagatgccta	ttattagtta	ggcttctgag	3000
cttgcaatca	tattgaatgt	atgaagagcg	aaatcaaatt	cttatttttg	tacagttttg	3060
aagtttatac	ttagaactga	ccacctcccc	ggccacgcgg	agagctgtac	agtgtgtaaa	3120
tctgccttta	tcttggttg	attggtacag	tatttttgca	tctgtgggac	ctaccttttc	3180
gttcagtagt	ttgaactata	tataaactgt	acaatcctgt	aaaagttttt	atagaataaa	3240
tattcagctg	tgaaaactgg	ttaaataaaa	ctaatttttc	ttaac		3285

<210> 4101

<211> 2982

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1263)

<223> similar to gi961446 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4101

tggagatttc	catcatggcg	gcgtccattt	cgggctacac	cttcagtget	gtgtgtttcc	60
acagcgccaa	cagcaacgcg	gaccacgaag	gatttttact	gggagaggta	agacaagagg	120
aaacgtttag	catcagtgac	tcacaaatca	gcaacacaga	atttctgcaa	gtaattgaaa	180
tccataacca	tcagccttgt	tcaaaacttt	ttagttttta	tgactacgca	agcaaagtga	240
atgaggagag	tttgacagg	attcttaaag	atcggagaaa	gaaagtcatt	gggtggtaca	300
gattccggcg	caatacgag	cagcagatgt	cctacagaga	gcaggttctt	cacaagcagc	360
tcacccgcat	cctcggcggtg	cccgcctcgt	tctttcttct	cttcagcttc	atctccactg	420
ccaacaattc	cactcacgct	ttagaatatg	tgctcttcag	accaaataga	aggtataatc	480
agaggatata	actcgttatt	cccaatctag	gaaatactag	ccagcaagag	tacaaagtgt	540
cttcagtgcc	aaatacttct	cagagttatg	ccaaagtgat	taaagaacat	ggtactgact	600
tttttgacaa	ggatggagta	atgaaagaca	tcagggcgat	ttatcagggt	tataatgcac	660
ttcaggagaa	agttcaggca	gtgtgtgcag	atgttgaaaa	gagtgaagca	gttgttgaat	720
cttgtcaggg	agaagtgaac	aaattaagaa	gacaaatcac	tcagaggaaa	aatgaaaagg	780
aacaagaaag	aagattgcag	caggcagtg	taagcagaca	gatgccgtct	gaaagcttgg	840
accagcggtt	cagtcctcgg	atgccgtcct	ctgggtttgc	agctgaaggc	agaagtacac	900
ttggagatgc	agaggcctcg	gatcctcctc	ccccttactc	tgattttcac	ccaaacaatc	960
aagaaagtac	tttgagccac	tctcgcatgg	aaaggagtgt	ctttatgcct	cgacctcaag	1020
ctgtgggctc	ttccaattat	gcttccacca	gtgccggact	gaagtatcct	ggaagtgggg	1080
ctgaccttcc	tctcccccaa	agagcagctg	gagacagtgg	tgaggattca	gacgacagtg	1140
attatgaaaa	tttgattgac	cctacagagc	cttctaatag	tgaatactca	cattcaaagg	1200
attctcgacc	catggcacat	cccgcagagg	acccaggaa	cactcagacc	tcccagattt	1260
aactaaacaa	aagaaactct	ccacctagca	ctgtttttct	tcattgctta	ctgagagggt	1320
ttttgagaac	ttaatctggg	gggagaactg	ctttctcaga	taccttaact	cccgagaaga	1380
gagtccttgt	gcacagaact	tgtgggagcc	tccatccgct	gctctttacc	tttgatata	1440
gtgtgcaagt	ttcatgacag	aatcattaag	ataatcaa	tgctcctaatt	ctggtgcgat	1500
tcatggatat	actggtaaat	ttaggcaaag	tgaaacttta	tccagcggta	gtttctgttc	1560
tttaaaataa	attggaaatt	agagacctaa	gcacaattag	tcctataaat	ggttcctata	1620
aatcaaaagc	ttaccctctt	gcactatcat	gccttgaaat	ttactttttc	aaagggaaac	1680
aagtttagca	gcagccttca	aagaacttct	ttctatgatg	agcccaaatt	catctttgcc	1740

agaaaagaaa	ttttgataat	tccaagaagc	ctgattagaa	caaatcagat	ataccttctc	1800
ttgtctgcat	gactttgtga	gataaaaagag	agggcttcca	acttttttct	actagcttga	1860
tatgtattat	cacttaaaat	ggttgccttt	aaaaaaaaaa	agtagagata	ctaattacca	1920
gtaagtaatc	atccaaataa	atacgtcata	aaataaatta	attatttttt	ctttgatgga	1980
ttacagtgc	tactgtgttg	cactggcaca	tttatgggtct	ctgttctgga	atcttggagg	2040
acacacagca	gtggagaaca	gaaggagtga	gttttataat	gaacagattc	cagacacggt	2100
aggttttagct	gagttcatac	agaggagata	taactcattt	agatcttctg	acaaatccta	2160
gtgttagttt	tatctgtgga	ggaaagacat	ttaataataa	actgtttggg	aatcttgggtg	2220
aataaagatt	cattttcaag	ctgaataacc	atacttattt	tattttaagt	tgccatttgg	2280
ggaataattg	cagtatgtgt	agagactctc	ttgggatgca	cttatatttt	tatttaatga	2340
ctacttgttt	tctagttttg	cccacaacgt	ctgaaaccac	taagacattc	aggagcatgt	2400
tgagcttctg	gtttggaaac	agcaagaccc	accatttatg	acaaggacag	ccatgagggt	2460
aataacttgga	gtttaactgc	cttccctttg	aactagttaa	aatctgtaag	aataaggaag	2520
ttgttgaagg	cttaaaatct	gggttctgaa	aaagtagttt	cagtttatag	gatacacatt	2580
tactcactga	gctccagttc	caatactaaa	ttagacagta	tcatatagac	ggaaaatgaa	2640
atgctagaac	tgccgttctt	tggatcgcca	ctctatgggg	gtctgtcttt	taactactct	2700
cctgggttatg	ttggccttac	accactgcca	tttgatttaa	aacgctgcag	acactttatc	2760
tgcaaagtgtg	ttccagttgt	tatcagctac	ctactacgca	gcttcagcgc	cagtgtgaat	2820
ttattttttt	ttaagtgcc	ttaccgctct	cctctgttca	gattttgaca	ttcaggaaaa	2880
tatttttatt	ttgatgccat	actgaaatct	acaatgtata	tctgacaaag	cagttaaatg	2940
tgacaataaa	aaacttattt	aatcatggta	aaaaaaaaaa	aa		2982

<210> 4102

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1480)

<223> similar to gi4894560 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4102

atggctgact	cagaagcact	cccctccctt	gctggggacc	cagtggctgt	ggaagccttg	60
ctccgggccc	tgtttggggt	tggtgtggat	gaggccattc	agaaaggaac	cagtgtctcc	120
cagaaggctc	gtgagtggaa	ggagcctgag	gagctgaagc	agctgctgga	tttggagctg	180
cggagccagg	gcgagtcaca	gaagcagatc	ctggagcggg	gtcgggctgt	gattcgctac	240
agtgtcaaga	ctggtcaccc	tcggttcttc	aaccagctct	tctctgggtt	ggatcccat	300
gctctggccg	ggcgcattat	cactgagagc	ctcaacacca	gccagtacac	atatgaaatc	360
gcccccggtg	ttgtgctcat	ggaagaggag	gtgctgagga	aactgcgggc	cctgggtgggc	420
tggagctctg	gggacggaat	cttctgccct	ggtggctcca	tctccaacat	gtatgctgta	480
aatctggccc	gctatcagcg	ctaccggtat	tgcaagcaga	ggggcctccg	cacactgccg	540
cccctggccc	tattcacatc	gaaggagtgt	cactactcca	tccagaaggg	agctgcgttt	600
ctgggacttg	gcaccgacag	tgtccgagtg	gtcaaggctg	atgagagagg	gaaaatggtc	660
cccagggatc	tggagaggca	gattggtatg	gccgaggctg	aggtgtgctg	gccgttcctg	720
gtcagtgcc	cctctggcac	cactgtgcta	ggggcctttg	accccctgga	ggcaattgct	780
gatgtgtgcc	agcgtcatgg	gctatggctg	catgtggatg	ctgcctgggg	tgggagcgtc	840
ctgctgtcac	agacacacag	gcatctcctg	gatgggatcc	agagggctga	ctctgtggcc	900
tggaatcccc	acaagctcct	cgcagcaggc	ctgcaatgct	ctgcacttct	tctccaggat	960

acctgaacc	tgtcaagcg	ctgccatggg	tcccaggcca	gctacctttt	ccagcaggac	1020
aagttctacg	atgtggtct	ggacacggga	gacaaggtgg	tgcagtgtgg	ccgccgtgtg	1080
gactgtctga	agctgtggct	catgtggaag	gcacagggcg	atcaagggct	ggagcggcgc	1140
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ctgcgagggga	agcaggagag	tccagattac	cacgaaaggc	tgtcaaagggt	ggcccccggtg	1320
ctcaaggagc	gcatggtgaa	ggagggctcc	atgatgattg	gctaccagcc	ccacgggacc	1380
cggggcaact	tcttcctgtg	ggttgtggcc	aactctgcac	tgacctgtgc	tgatatggac	1440
ttcctcctca	acgagctgga	gcggctaggc	caggacctg			1479

<210> 4103

<211> 1604

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(367)

<223> similar to gi3559998 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4103

gctatggggc	agctggtctg	tcttggggcc	ttggaatcga	ttttttttcg	caggagatac	60
tggttattgc	cctgcttttg	aagagatagg	aaaaagattt	ggaccttttg	accttgcagc	120
tattcccac	ggagcttatg	aaccgaggtg	gtttatgaaa	taccagcatg	tagaccacaga	180
agaagctgta	aggattcaca	ctgatgtcca	aacaaagaaa	tctatggcaa	ttcactgggg	240
aacttttgcc	ttagcaaattg	agcattactt	agagcctcca	gtgaagctga	atgaagctct	300
agagagatac	ggacttaacg	ctgaagattt	ttttgtcttg	aagcatggag	aatcaagata	360
cctaaataat	aatgatgaaa	acttttaata	aatgtgagca	caggcacttt	taatgaaaaa	420
ggcatcatct	aagtttaaaa	acaaatgaaa	agacttagaa	attcatgaat	attgtgatta	480
ttttacattt	ggaaacaact	tctgcaagtt	tatgttttat	gttttgtgta	ataacttgct	540
tcctagtatg	atcagctcat	gtacactatg	agagggttca	gggggtgggtc	atttaaataa	600
tgaattggct	aatgtggatt	ttaaatttca	tatcatgata	taagcactgc	aatggaaatg	660
tttttactaa	aacattatat	ttttgtggta	ctagaatttc	ctgaggtgaa	aaaccgatat	720
tgaagattca	tttttctttt	ttccattctt	caggaccttc	ggcaagggtga	gtcaaggctc	780
tctacctacc	tagatgtttt	tcagaggcct	acaaatacaa	gtatctttct	tatatgcaca	840
ttctaataaa	tgatgaaatt	cagtccaaca	tgcttattat	aaacatagca	attcttgctc	900
tatcaaatta	gcttatatgc	caaataattaa	atatggttta	tttaggtaag	cataaaaaaca	960
taggggctat	cattttttaa	gacttgattt	tctctattgt	ggtaaaatat	ataaatacat	1020
atttgccatt	ttaaacattt	accattttta	ccatttttta	gtgtacagtt	ctttcgcat	1080
aatgcacca	tgaccacat	tcacttaaat	ttttaaaaga	acagtatatt	ctttttttcc	1140
tagagccttc	agatgagagg	gaacagtata	ttctattgca	cgtctacaat	tcccaaaaga	1200
cctcttactt	tgggaggcca	aggtgggggg	gtcacttgaa	cccaggagtt	tgacatcaac	1260
ctgggcaaca	tgggtgacct	cccgtctctc	tcggaaaaaa	aaaaagaaaa	aagaaaaagc	1320
cgggtgaggt	ggtgtgtacc	tgtagtcaca	ggtacttggg	aggctgaggt	gggaggatca	1380
cttgagccca	ggagatagag	gctgcagtga	gctgtgatcg	taccactgca	ctccagcctg	1440
ggcgacaaaa	tgagaccctg	tctcaaaaga	aagccctctc	cttagctgag	cagaggaagg	1500
gaaggagtgt	ggctatgaga	atatgattta	tgccattttc	tgttttttaa	tctagaagat	1560
cttctaagca	caaatacagc	tacaatgaaa	tattttacag	accc		1604

<210> 4104
 <211> 551
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (120)...(521)
 <223> similar to gi5679551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4104
 agagtgttgc ttcgggcact agcccagggg acatttgggc acccatagac ctaggcagga 60
 aagagcctta tgggctttca ggactgaaaa gagcttctgc ttcttctctc agatccatct 120
 ctgcagctga aggaaacaag agctacagt gatctattca aagcttaact tctgtagggt 180
 ccaaggagac acccaaagct tcaccaaacc cagacctgcc tccgaaaatg tgcaggagat 240
 taagactaga cactgcctca agcaatggct atcagcggcc tggctcagta gtggcagcaa 300
 aagctcaact gtttgaaaat gttggttcac ctaaaccagt ttcttctggg cgccaagcca 360
 aagccatgta ctctgtaaa gcagagcaca gtcattgagct ttcttctcca caaggagcaa 420
 tattttctaa tgtgtaccca tcagtgaac caggatgggt aaaggcaact tatgaaggca 480
 aaacaggact agttccagaa aattatgttg gcttcctcta atactattta gtggatggca 540
 gtatcttcat g 551

<210> 4105
 <211> 644
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (645)...(115)
 <223> similar to gi927213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4105
 tttttttgct gatgtaattg tggagccaca aatgcatgcg ggctctttaa taactctttg 60
 ttggggaggg ggggtgaaatg tcagagtact ttaattcagc aaacaaaaac tcctcagttg 120
 gcactgacag cctccggggc ttcattttca ctgctatagt ctgatttggg gtcattctca 180
 tagtcatcat acatttccat ttcattcctc ccattgatca tttcatttcc agctaggctt 240
 ccgcatctg tcttcatacc ataagtgtc tggatgaccg ggaggctggg ctccgggctg 300
 gccgaggtgc tagagcagtc agatgtcatc tgaggcgatg gtgtggtagt tgccatagtg 360
 atagcaccag gatacacaac acctgttctc gtggtgattg gaatctgagg ctgttgcccc 420
 acagtaaaga actgcctcat ctctgtctc cgagacctca tcagttgctt atactcccca 480

atccgaagct	ttttgccatc	aacaatgcag	gtgcgtttcg	gtcgggggtt	gtattttatag	540
tttgggtact	tctctaagtg	gatcttgctt	agccgggcct	gctcttcata	ataaggttgc	600
ttctcctggg	tggacattga	tttccagcga	gatectaaga	tttt		644

<210> 4106

<211> 1897

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1100)

<223> similar to gi4539520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4106						
agtgatgaca	tgaacattcc	taatgaggag	acaatattga	atgcacttct	tacttgggtc	60
cgatcatgatt	tgaacagag	acggaaagat	ctaagtaaac	ttttggctta	tattaggcta	120
cctcttcttg	caccacagtt	cctggcagac	atggaaaata	ttgtactttt	tcgggatgat	180
atagaatgtc	agaaactcat	tatggaagca	atgaagtacc	atttattacc	agagagacga	240
cccatgttac	aaagtccctc	gacaaaacct	aggaagtcaa	ctgttgggtac	attatttgca	300
gttgggggaa	tggattcaac	aaaaggagca	acaagcattg	aaaagtatga	tctccgtaca	360
aatatgtgga	ctccagtagc	aaatatgaat	gggaggaggc	tacagttcgg	tggtgcagtg	420
ctagatgaca	aactgtatgt	ggttggagga	agagatggac	tgaagacttt	gaatactgta	480
gagtgtctaca	accccaaaaac	aaaaaacttg	agtgtgatgc	cacctatgtc	cacacataga	540
catggccttg	gtgtggctgt	actggaaggt	cccatgtatg	ccgtaggagg	acatgatggc	600
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gccactatgt	ctacccttag	gagtacagta	ggtgtggcag	tactaagtgg	aaaactttat	720
gcagttggtg	gtcgtgatgg	aagtctctgt	ctcaaatcag	tagaatgttt	tgatcctcat	780
actaataagt	ggacactgtg	tgacacagatg	tcaaaaagga	gaggtggcgt	aggagtgcag	840
acctggaatg	gactgctgta	tgctataggg	gggcacgatg	ctcccgcac	caacttgact	900
tccagactct	cagactgtgt	ggaaagatat	gatcccaaaa	cagacatgtg	gactgcagta	960
gcatccatga	gcatcagcag	agatgcagtg	ggggtctgtt	tacttgggtga	taagttatat	1020
gctgttgggg	ggtatgatgg	acaggcatac	cttaatactg	tggaggctta	tgatccccag	1080
acaaatgagt	ggacccaggt	atggcattca	tgtttcatta	ttacactgac	tctcttttta	1140
ttaaaacaat	tcttatggta	aaacagatcc	cctcaactct	gtccaatact	gaaatatatg	1200
gcataaatat	gacaatcacg	ttttgattag	cgatgagaaa	aagaggcaat	gtttaatttt	1260
ataacataat	taaaatccag	aattaccttt	gagatgtaag	ttaatactca	gagaaattat	1320
taattatctg	ctaccacttg	catgatgaag	tggtctagcc	tgattaaagc	tgataggact	1380
actggagggc	tgcaacaatg	ggagggggaga	ctggaaaata	aagacaagga	tagtagtcag	1440
aaaactttga	acaacttgcc	cacccggcga	cagtaggcac	tttaaattac	tcaaccatt	1500
tggttttggg	gagccgattt	aaaggccggg	aaacctaatg	gaaaatggca	acccctaact	1560
tcacctcgcc	cccccccccc	gcccccgcc	ccttcttact	accggcaacg	caattttacc	1620
ccttgccggac	tcttttggca	agggcctgac	cccctcccta	aatccccccc	cctctagaca	1680
tctctctgct	ttccctcacc	ccccccacac	ccgcgcccc	gggaactctg	gccttggggg	1740
ccccccatt	ccacccctct	ctgggcccta	cgaaaaactt	cacaagggtc	taacttggag	1800
cccagagatt	ctccttcggg	tctcccgggg	ggacctctgg	taaactttgg	ggcaacgaaa	1860
aacaccaagc	ttcttctggg	cccgcacctc	gccgcct			1897

<210> 4107
 <211> 426
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(86)
 <223> similar to gi4995271 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4107
 gggtacttggt ctggtttcct ggacagagaa catccaaggt tccattaaat acatcatgct 60
 taaccctagt tcacgaatca aggtaagggg atagttgaga gctgcactgg ttcattgggtgc 120
 tgataacctt tttttgttga aatgtaacgt tctcgtcctc tagaatcact ttgacaaatt 180
 aaaaatcctc cccattgaaa gaaggcaagt actttcatag ttagcattat ggtgatcttc 240
 ctacagtgcc tccatttttt ttggtcacatt gtaatcttat ttattaattc acaaatattt 300
 actgaaatcc caaatgtgcc ccacacagta tacatttgat gctaggaatt atgttggtta 360
 acaagataga cgtaggccct gccttcatat tgcttaacgt ccagtgggtca gaatgtgttg 420
 aagtat 426

<210> 4108
 <211> 2179
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1613)...(1363)
 <223> similar to gil877279 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4108
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 cagtggcttt acaatgtggg ttgcattcca ttttcccagg cgcccaggtc ctgggtctct 180
 aggccaccgc ccgcctgtgg ccgccctctg ctcaccaggg aggccagaca ggaaccctgc 240
 agctgccaga gcaagcacgt cccacagcct tgggaggcct cccaaaatgt gtccagattc 300
 ccacaggcag agagagaggg actgaaaggc tgaagtgaag tgaccgtgcc tgcccagcct 360
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 ggagaaccag aaagatttag tccaccctga ctgtcccggg acagagctgc tgagcagggt 540
 gcaggagcca caaacaccgg atctttcgag gcacatcagt gacagatctg ggcacagctg 600
 gaccagccag gacattgagc cactgcagcc ccaaggctct aaatgcggtg cttcagctct 660

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cctttttttt	tcttgttttt					2179

<210> 4109

<211> 1810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)...(570)

<223> similar to gi4455361 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4109

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aaagaggatc	tttaataatc	ctgaacattc	cttgatgggc	ctagaacagt	tttctcatgt	300
ttggattttg	tttgtttttc	acaaaaatgg	tcatttgagc	tgtaaggcaa	aagtgcagcc	360
tcctaggctg	aatggtgcaa	agactggagt	tttttccaca	aggagccctc	atcgtcccaa	420
tgcaatagga	ctgaccctgg	ccaagctgga	aaaggtagaa	ggtggagcta	tatacctttc	480
tgggaattgac	atgatacatg	gcacaccctg	actagacatc	aagccctaca	tagctgagta	540
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tacaccaaac	actgtgtccc	agtctgacag	caagactgac	agctgtgacc	agcgacagct	660

ctcaggggtgt	gatgagccac	aacccccacca	tagcactaag	aggaaaccta	aatgtcctga	720
agacagaact	tcagaagaaa	actacctgac	acacagtgac	acagccagaa	ttcagcaagc	780
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agagacacag	cccatggccc	ctcactgccc	tgctggaagg	gctgatggag	ctccccgcag	1020
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ttctgagcct	gttcatatga	ctggccctgt	ggggctcctg	gtgtctctag	ggctttaagg	1380
agcctccctc	atgtctttta	ggtagcatca	ttgatctttg	gatgtggctt	ttggattttc	1440
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<210> 4110

<211> 321

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (137)...(209)

<223> similar to gi28872 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4110

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cttctactct	ccttgacgca	tgaacgtgca	gggtgattat	gagccaactg	atgccaccgg	180
gttcatcaac	atcaattccc	tcaggtgaga	agctcagggc	cctgacgggc	cttcagagcc	240
tccaggtgta	aagggtaggc	tttgaaagcc	cccaggtgta	aagggtaggc	tttgaatccg	300
accttgactg	gtgccctgcc	c				321

<210> 4111

<211> 2687

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (12)...(2024)
 <223> similar to gi557725 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4111

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actgggatga	ggatgagccc	atttgcattc	ctgtggactg	cagttcaccc	ccagtctcag	120
ccaatggcca	ggtgagagga	gacgagtaca	cattccaaaa	agagattgaa	tacacttgca	180
atgaaggggt	cttgcttgag	ggagccagga	gtcgggtttg	tcttgccaat	ggaagttgga	240
gtggagccac	tcccgactgt	gtgcctgtca	gatgtgccac	cccgccacaa	ctggccaatg	300
gggtgacgga	aggcctggac	tatggcttca	tgaaggaagt	aacattccac	tgtcatgagg	360
gctacatctt	gcacgggtgct	ccaaaactca	cctgtcagtc	agatggcaac	tgggatgcag	420
agattcctct	ctgtaaacca	gtcaactgtg	gacctcctga	agatcttgcc	catggtttcc	480
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agctccatgg	aaattcatca	agaagggtgc	tcttcaatgg	ctcctggagt	ggcagctcac	600
cttctgcct	gccttgacga	tggtccacac	cagtaattga	atatggaact	gtcaatggga	660
cagattttga	ctgtggaaaag	gcagcccgga	ttcagtgtct	caaaggcttc	aagctcctag	720
gactttctga	aatcacctgt	gaagccgatg	gccagtggag	ctctgggttc	ccccactgtg	780
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						2687

<210> 4112
 <211> 581
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(302)
 <223> similar to gi2329910 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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tcacgggcta cccgcgcgcc tccatcgccc gcacgctgcg caccatcgtg cgggaggagg    180
gcgccgtgca cggcctctac aaaggcttga gcatgaactg ggtcaagggt cccatcgccc    240
tgggcatcag cttcaccacc ttcgacctca tgcagatcct gctgcggcac ctgcagagct    300
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tggaacggtg ggggggtgcg cttgattcta cttcaggagg cacatggggc gctttatgga    420
acgagcaggt gggcctgagg ggccctgggct cagagtccac gtccaaacgc aaagctggca    480
gccctggaag tgcagtgttg gggcgatggt gtgggggggtc ccgcagctcc cctcttcctt    540
cctctgcaga cgctggcgct gtctgccgga ggtgttgccc a                    581
  
```

<210> 4113
 <211> 4483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1443)
 <223> similar to gi4826465 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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aaacaaaagt tttggaggat ggaacacgtc aggatgtgtt gcacacagag attcagatgc    180
aagtgcagca gtctgcctgt gtaaccactt cacacacttt ggagttctga tggaccttcc    240
aagaagtgcc tcacagttag atgcaagaaa cactaaagtc ctcaacttca tcagctatat    300
tgggtgtgga atatctgcta ttttttcagc agcaactctc ctgacatatg ttgcttttga    360
gaaattgcga agggattatc cctccaaaat cttgatgaac ctgagcacag ccctgctgtt    420
cctgaatctc ctcttcctcc tagatggctg gatcacctcc ttcaatgtgg atggactttg    480
cattgctgtt gcagtcctgt tgcatttctt ccttctggca acctttacct ggatggggct    540
agaagcaatt cacatgtaca ttgctctagt taaagtattt aacacttaca ttcgccgata    600
  
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tgtctgttgt	tgggcataga	ttcttttgta	ccatatttat	ttatttgggt	ttatatatgt	3960
caattgggtt	ccctttcctt	agcttgatat	tgccttagct	ttgttggttt	aattaacttt	4020

ctattagaga	gactgtatat	atTTTTtcta	aatactttgt	gaaatcattt	ttggtagcaa	4080
tatctttgaa	tatgatgaat	aaaagtgact	gtgagtgcaa	atagaattag	cagtaagaag	4140
ctactctagc	taatttgcca	ttttacttaa	atggaaaatg	tttttcaa	aaatacttat	4200
gttgttcatg	ttccaagtta	ttcaattcct	ttatgagtga	atgtttttac	ttttgactcc	4260
taaataggaa	aagattat	gacagctgga	aaataacctg	ccaccaatta	agcgagtgc	4320
atagggctac	tttgccaaaa	cactcagaat	gagtatgtta	cacagatcca	gttcactaag	4380
gattaatgca	ttttgaagtt	cttagaattt	gttgggatga	ctgatgcaa	gccaagttct	4440
acagcagatt	aaaagtaata	caggtttctt	tcggggaatg	tcg		4483

<210> 4114
 <211> 384
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> similar to gi4191812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4114						
agaacactgc	tgcagaacga	ctggatggag	gagacagccc	ctggaatggg	ggcaaccatt	60
agttctgga	cgggattgga	taaagcccat	gtcaggcctg	tcgcccattg	gaatattgcc	120
aagtctatgg	ctgtgtacta	ccttgaacct	gtccgagctg	tgcgggatgg	gaagccttcc	180
tgggtgccgtg	tatattactg	caggaatgac	cgtgaccaag	acagcttcct	gatcaggatg	240
gaagtacccc	atctccagga	aaagagagga	atcctagcat	ctgataaagc	cactatcatg	300
gcctttgatg	ccctggcgac	cttctgtgaa	gaacaggcgt	aagtgactta	ttgtatatgt	360
ggagcatagt	gtcagtgaga	tcac				384

<210> 4115
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> similar to gi3687907 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4115						
gaactaactg	ctttgctgaa	tactccacat	attcaggcac	tggttactggc	ccacgataag	60
gttgctgagc	aggaaatgca	gctagagccc	attacagatg	agagagttaa	tgaaagtatt	120

ggccagtatg	gaggagaaac	tgtaaaaata	gttcgtatag	aaaaggctcg	tgatattccg	180
ttgggtgcta	cagttcgtaa	tgaaatggac	tctgtcatca	ttagccggat	agtaaaaggg	240
ggtgctgcag	agaaaagtgg	tctgttgcac	gaaggagatg	aagttctaga	gattaatggc	300
attgaaattc	gggggaaaga	tgtcaatgag	gtttttgact	tggtggtaag	ttgacgcagc	360
tagaagaata	attgatagct	tttagaaagc	tcttattaga	ctttagaata	aaatattttt	420
aaaataactg	ttaagagcac	tagatgattt	ctagcctgat	ttttccatga	tgtaactggt	480
ccacagtatt	tgttagcagt	tttatttttg	ggtggggacca	ctgatatttt	tttacttt	538

<210> 4116

<211> 378

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(275)

<223> similar to gi3336973 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4116

gaatcagttc	cccagtctct	cagccatgga	aacaagccct	ggccatctca	gcagccactg	60
cacaatgcct	ctggtggaag	acacgccttc	ctcccctctg	gtcacacaag	agaacatctt	120
ccagctgcct	ctttcacacc	cactccagac	ctcagccctc	gttcacctcc	tcattaggtg	180
tggctttagt	agttcctttg	gttgtaacta	tgggatggaa	tccaggcata	gggaactagt	240
tgttccacag	ctcccagcca	ggaagaaagt	gtgagaagct	gattggtagt	gaacctgctg	300
tttaacatca	cagtgactac	attgaaccca	gtatgccagt	tggcaccaga	tgctgtggac	360
ttggaatgag	gccaagag					378

<210> 4117

<211> 1406

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(926)

<223> similar to gi5225378 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4117

ggcacgaggg	cagtatatca	agtgcaaaca	tccttttgga	tgatcagttt	caacccaaac	60
taactgattt	tgccatggca	cacttccggt	cccacctaga	acatcagagt	tgtaccataa	120
atatgaccag	cagcagcagt	aaacatctgt	ggtacatgcc	agaagagtac	atcagacagg	180

ggaaactttc	cattaaaca	gatgtctaca	gctttggaat	tgtaataatg	gaagttctaa	240
caggatgtag	agtagtgta	gatgatccaa	aacatatcca	gctgcgggat	ctccttagag	300
aattgatgga	gaagagaggc	ctggattcat	gtctctcatt	tctagataag	aaagtgcctc	360
cctgccctcg	gaatttctct	gccaaagctct	tctgtttggc	aggccggtgt	gctgcaacgc	420
gggcaaaagt	aagaccatca	atggatgaag	ttttaaatat	tcttgaaaagt	actcaagcca	480
gcttgatatt	tgctgaagat	cctcccacat	cactaaagtc	cttcaggtgt	ccttctcctc	540
tattcctgga	gaatgtacca	agtattccag	tggaagatga	tgaaagccag	aataacaatt	600
tactaccttc	tgatgaaggc	ctgaggatag	acagaatgac	tcagaaaact	ccttttgaat	660
gcagccagtc	tgaggttatg	tttctgagct	tggacaaaaa	gccagagagc	aagagaaatg	720
aggaagcttg	caacatgccc	agttcttctt	gtgaagaaag	ttggttccca	aagtatatag	780
ttccatccca	ggacttaagg	ccctataagg	taaatataga	tccttcttca	gaagctccag	840
ggcattcttg	caggagcagg	ccagtggaga	gcagctgttc	ctccaaattt	tcctgggatg	900
aatatgaaca	gtacaaaaaa	gaataaatc	taccagaaga	taaagaaaaa	agcaagtatt	960
gcataggcac	ctgagcatag	gtatgacctt	gggaagacat	tggctccata	agcaatgcca	1020
agagaatgat	caatagttag	tttgggtgat	gcagataaac	aatctggata	attccatttc	1080
ttttttccca	aaccctcaaa	cagagtgcct	taaaaaattg	ttttatcagg	ataattgtct	1140
catgaccaa	tccacgtca	attagagcca	ttcaaaaattc	cttaagatca	tgggttctga	1200
cttcagccaa	acaaaacaat	caaaacctac	caaaaaggga	ctggattgta	atgtcctctc	1260
catcatcctc	agtgtgagtc	ctcagagcct	ccatctgcca	agaacattca	gttggattcc	1320
atcgtttggt	ttagcttgct	tgcacggggt	gtaggaaatg	tctaatttgt	aatgtttaat	1380
agataccttt	ggaaagaaaa	aaaaaa				1406

<210> 4118

<211> 2614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2417)...(1855)

<223> similar to gi4589624 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4118

tttttttttt	ttcatttaac	ttttggataa	taaaatactt	tattggtacc	atttaataaa	60
tgtcaaaaaa	gtatagcatt	tccattgctt	agcttccatc	tttaaactta	aagctagtta	120
aaaacaacag	gaacaaaagt	aaactcattt	gattctctca	aaaaacaagc	tgtaacttac	180
ctttgcaaat	aattaggttc	tctcacttta	aatatcgtaa	ttcactgggt	cttcataata	240
aataattatt	aataatatat	aaaaggagac	agtgggcctg	aattattttg	cagaggaaca	300
tttcacacat	cttttaaaaa	aatcactaaa	ctaccacaaa	cttaaaaactt	gtaagaataa	360
ttaggtgagg	agttattggt	aatattggaa	ttaatatagc	acctagaaat	ttgaaatttg	420
taatatttca	gatgatatga	tttactgaga	aaaagagtaa	tgatttttct	tcagtgaatt	480
ttcagggggt	ttcaacatag	gtctctttta	aaagggttaa	aaaatttatg	catactagga	540
attgacctga	tggtaacaga	tccatgtgtg	acaaataatg	tagtgcagtc	ctatctgaat	600
ataatttctt	tttcactttg	tctcattaat	ttatacctca	attaaaacat	tctatatgca	660
agtgacatat	ttctctaaaa	cattccgtat	ttcagatttc	cattcagact	atcttcccct	720
cctccctttt	ctcaaatcag	agtgatcttg	tggcatacca	tttgcttttt	ctctccacaa	780
tgaaactctt	tttcaactca	aagtattata	gtaatgcaaa	tacaaatgta	gcatatatta	840
atatattaga	aaaaggatag	taaatacata	tggatccatg	ccaaattaga	aaattgaaag	900
caaaaacaaa	caaaaccatg	ctatgctcat	ctattctgaa	ccaccatggg	aagaccctga	960

tagagctggc	tcacataaac	taatgttccc	agacagagct	aggatcctgt	attccaacat	1020
aattaaatgc	tctgttaaaa	atgtttccgt	gttcttttct	gtttgttcaa	aatagtttac	1080
agcaactgac	tactaatcct	aatcctgaac	atgataatgt	aataacatat	ttttaatcaa	1140
gccatagatt	ctaacctatt	ttctactatt	acccatttgc	ttaaaaacag	actttcaggg	1200
gtgtaagcaa	cagtaagtta	aggagttttt	agttctacct	ttctcttgat	tgattgattg	1260
gggatttcag	atgtgtcaat	taattatcct	ctatttcagt	ggaaaaggat	tcttcaagct	1320
atcaagtcaa	ggaggctgac	tcaggggagg	gcaggtgaag	atacctatcc	acatactatg	1380
ctcataacgc	tccatctcct	ctgtaagaat	gtgctgctct	ccaccaacaa	gtggcccagc	1440
acattccatc	cgctccacct	agatgcaatc	aggacaccat	gcaatcccac	acacaatcag	1500
aacatgggca	ccaggtagaa	ctaactcaaa	acaacttttg	ggacaaatat	gagatttcaa	1560
tttgtcaatt	attccatagt	gcagtattct	cacaaaacag	agattttgtg	ttgaaacatt	1620
tgttttttct	tctcacatca	agttgaattg	ctaaagtaat	gtcagaaaga	acatgaaaaa	1680
taagcatgtc	ttctccaaaa	gaggcactgc	atctggaagt	agaagtaagg	ctaaataaat	1740
agtgtgtttt	tgtggttcat	acagtaacgc	attaattatg	atttcaacca	acagcttcac	1800
tgtttgtcct	gtatgcctgt	ttatgaagat	gcgtctctat	ttcctccctg	aagaccagca	1860
ttcccagggtg	ggagtgaag	gcctcattca	tggttttaga	ctggatgcac	atgcggtact	1920
gctcgggggt	cagctcatca	gcacagcgct	tttcatgcca	gaggtggaaa	agaccaggaa	1980
ccggagtcgg	aatcacaaatg	aggtcaccat	gtaagtattt	tcgataaaga	tgaacatctt	2040
ctccacccca	acctttcact	tccatgtcaa	atccaccaat	ggtcaggaaa	tctgaacgat	2100
actgacaagt	cattccaaaag	ccaaaatctc	gccaaaagcc	agaatccttt	ttgtgaacca	2160
gctgtgctc	cacaggtggt	ggcacttctc	ggttggcata	aacaatggca	ggattgtaaa	2220
gactgaacac	cacagggtaa	aacaccttct	tacctggctc	agcatttaac	cggcagctgt	2280
taaggaattc	ggctgagaaa	tagatatcaa	catcacagaa	aaacatcaag	acctctccct	2340
tgtcccaagc	tcgggcaccc	acatttagtc	ctcgtccacg	attaaattct	tcattcaatg	2400
agaccaaggt	gtaattgtga	aaattagact	cactatgagg	aaagcacaca	caacaaatga	2460
taagtcccac	ttaaagttac	caattttctt	ccttcaacac	agcttacaaa	atatgtttta	2520
cacttcaaat	atttgattat	attggttcta	cattcacaaa	gggaaagaaa	atcccacctt	2580
catctgtatg	attatcatca	gggagagata	ttca			2614

<210> 4119

<211> 3609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3610)...(2041)

<223> similar to gi7758 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4119

gagaggggaaa	tgaacataat	tcctaaagaa	aggccatata	actatatcat	aggccaacca	60
tgtatttttat	gtgtagtgtc	ttcctctgta	atatgtgaaa	atatccagtt	agttagttag	120
tgaaagactt	aacgaaagaa	aaaccacaaa	gaaattatta	aacttttact	atcgaaagga	180
tttacttttg	tggagttgag	gggtgggagag	aaatgaatct	ttatgttctc	ctgttagaga	240
atagcttttt	tccttccagc	tttcacactg	gcacatgctt	attacaattc	taccttggga	300
acatgacaga	atTTTTTTct	tatgcattca	tgcaacataa	acaaacagat	aattctagga	360
agactgtgat	taagtcaact	gcattctgac	ctattatttt	attttcatct	ctccctgact	420
ctgggtgagc	caaaggctat	taagattatg	ttctcctgct	cactcactag	gcagacctct	480
actcgagaag	tgatctgaca	gcgcagtagc	tgatgctcgt	ccagtgacta	aagcagtcag	540

gctgaaaaca	gattttatct	caacaacagt	cctagtttct	tctgtectca	aacactgtta	600
tttattttca	agataaaatt	tagtaacaac	attacgaagt	agctttttatt	cccttggttg	660
aataagatgt	gcacatttaa	taataaattt	gcttactaaa	ggtcctttta	ggggaaaaca	720
accttaaaaa	tacagttcta	gtccttgggc	agtgaacaaa	gaaaaaatgt	gcttgagaaa	780
cacagtccag	gttaaaggaa	aactctcaga	tcggttaatg	cagttgaatt	tttgcctgag	840
aatgtgagca	acgtatcagc	aaatacattc	attcttgtgc	tactcttcat	tatttagcat	900
agagctacct	taggtgtttc	tacacatgct	ctaaaccaag	agtaagttta	acatgtcagc	960
agtgaggagt	agacattttc	tactatagca	cactgggagg	atgtttacct	ggtactctag	1020
gtagaaatga	ctccattgtc	cactaagttt	gggaaataaa	taatatggca	acattgctac	1080
tggagataca	taatgtacag	aagcctaact	ataaagagat	ttgattaacg	agacttaagt	1140
cttagtccag	aatttcccaa	atttatgtga	acatgggaca	tcatttttca	tagcacacac	1200
gtgaacaagc	cattattctt	taaacaaggt	attacaaact	caaccactct	ggagaactga	1260
tgagcgccta	actgaaatta	ttagactaaa	ttcttagtaa	acaatgtttt	ctgaaccttg	1320
ttcagaaaata	taatcactgc	aaattatttt	ccaagtgttg	ttctaaaaaa	caatataact	1380
ggacactagt	aagaaagtaa	ggtaaattat	taatccactc	gcattcaatt	ctacaaggaa	1440
tgaaccatt	tttaaaagt	gcttagaaca	aacaattttac	tgagcactta	ctatgcaccc	1500
accaggtata	ttccttttat	aatgtaatct	tcaaaatgag	ctgtcaaact	attggcccat	1560
tttgtgaatg	aggaaaatga	aaattaagtt	atataatcat	gagtggcaga	gctgggaaat	1620
gaactcaagt	ctgtgactct	gaagacatga	aaaagttaca	catttcagat	gaatgcataa	1680
actatcttta	tgggtatgac	atgaaaagta	actgtagaat	gttaccttaa	ttacatttcc	1740
taatgcatga	tgtggacaga	cattagaaaa	gtttggactc	agttggaaaa	acaaatccag	1800
cagttaaaaa	agtcctttac	ttgcaatccc	tacccttagc	taaccaaga	gcatttaaaa	1860
aataacttaa	aaagtagcca	tcaaagatac	caatcaattt	cttactggtg	aaatatataa	1920
gaacttccag	gagtcacaag	agttccaaac	aattaattta	taaaaataac	aaaacatttg	1980
tctatgaaaa	aaagatcagg	attcactctc	atcgacgtcc	tcatctggat	ggtgctcagc	2040
atcctccttt	tctgtctgct	gtttcttcca	cagtttgccc	atggccagga	gtttgaggtt	2100
aggttggttg	gcagcatctt	ctggaaagat	gtaatcaaag	tattcttccc	agcctgcac	2160
agacccatca	tcagtctgga	cctttcttct	cttcttgact	ttctctggca	tgagtttgct	2220
tactctctcc	ttatctgaag	ctgttccaaa	ttcttcttca	aaacttcgcc	aagattccag	2280
cagcataagt	ctctcttcc	tttcttcaca	gtttctgcat	gttttggttag	cttcttcata	2340
aatttgctctg	catttagtca	aacttccttc	tttctctgaa	gacaactcaa	actgagcaaa	2400
gctgatccat	accttgacat	gctgcgtccg	ttgaagcaac	cgccggtaaa	ggtttcgtgt	2460
tctttctggt	tcttctgct	caatttcaaa	atcaatatat	gatttccaaa	gcacctctgg	2520
catgtctaaa	cgtggctgac	tgatggctaa	ttcatagatt	gcccgtgctc	tgtcaatatc	2580
accaaggatt	gtctctaat	cagcgaattt	aatccatgag	gtacaatttt	caggtccaaa	2640
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aatgtagcgc	ttccagtgcc	tcttctcctg	aatgggtggg	acattggcaa	tggccctttc	3000
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ccatgcatca	taattgtgtg	gattcgctt	cacttcttct	tcgtactgga	atctccgttt	3120
gctcacaatg	atatcttcaa	tacccgcct	atcaccaaac	ttcttctcaa	agatgggata	3180
atthtttaaag	agttcttggg	catcttgttt	tgaattctg	tccagggc	acttgtaaat	3240
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cagctcaaag	ttgatgtagg	agtgccaggc	ttgtctctca	ggctgccact	ccatccagcg	3540
ctcaaacacc	tgccggggcac	cggcaacggt	tcccaacatt	tcctccatgt	acgtgtactt	3600
gtaccagaa						3609

<210> 4120
 <211> 1574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(541)
 <223> similar to gil871539 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4120

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gaagaatggt	gactttcact	acaagcagat	ccccatctcc	gaccactgga	gccagaacct	180
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ggtgctcgtc	cactgcttgg	cgggggtcag	cgtttctgtc	accgtcactg	tggcctacct	300
catgcagaag	ctccacctct	ctctcaacga	tgcctatgac	ctggtcaaga	ggaagaagtc	360
taacatctcc	cccaacttca	acttcatggg	gcagttgctg	gactttgagc	gcagcttgcg	420
gctggaggag	cgccactcgc	aggagcaggg	cagtgggggg	caggcatctg	cggcctccaa	480
cccgcctccc	ttcttcacca	ccccaccag	tgatggcgcc	ttcgagctgg	ccccaccta	540
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ctcgtgtggc	aagggagggg	agggcaggag	ggctcggcct	gagcaggggtg	ctggggggag	660
agcgcaatac	ctcacgcggg	ctgccgtcct	aatcaacgtg	cctatggcgg	gaccacgctc	720
ggagcctgcc	tcttctgcga	ctgttacttt	ttctttgcgg	gatgggggtg	ggggttccct	780
ctccagggtg	ttgtccaggc	ccaggccccg	gccctgggtg	ctcagccagc	tcggctaggc	840
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cccagtggct	gcttggggga	gaggcgtttg	ccatcactgg	tgttgtcacc	tccctgtttc	960
tccaccaagg	gcttgggcct	ctcggggctg	gggcctccca	ggggatgggg	accagaggt	1020
gcagtggccg	cccacatcca	tggcctagga	gctactgggc	aggttcccg	ccacacatct	1080
ggtgggctgt	tttgtttttt	ttttttctc	ttccccaaa	tgtcttgacg	ggatcactgg	1140
ggctctttgt	gagggagggg	ggccaaacta	cgcgcggagg	aaatgggggtc	tcagagcgag	1200
agctgcggag	ggggagggga	aaaaaaaggc	ctcacttttg	ctgcctgcgg	ggccccacac	1260
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cattttctgtc	caacaccctt	gtgggtggcg	ggtgtgccgt	gtgtgtgctt	gtgtgtgcgc	1380
acgtgtcggc	gctcacacac	acatgctagc	ccactgatgc	acccagccca	gggctggcag	1440
tctttgcagc	gtggggccgt	ctcaccttgg	agcctggaga	ggatctatgc	ttgtttgttt	1500
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<210> 4121
 <211> 2390
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(2176)
 <223> similar to gi6016932 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4121

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agagaccgct	ttcttgagg	aatttgga	tctgaaaaca	gaggagcagg	taaagaaact	180
gcagtctatc	ctaaaaccaa	tgatgtctcg	gcggtgaaa	gatgatgtgg	aaaagaacct	240
tgctcccaaa	caagagacga	tcattgaggt	ggaactgacc	aatatccaga	aaaagtacta	300
ccgtgccatc	ctcgagaaga	acttttcctt	cctgaccaag	ggggcaaata	agcacaacat	360
gccaatctc	atcaacacca	tgatggagct	gaggaagtgc	tgtaaccatc	cctacctgat	420
caatggagca	gaggagaaaa	ttctagaaga	tttccgaaaa	acccacagcc	ctgatgcccc	480
tgactttcag	ctgcaggcca	tgattcaggc	agcaggaaa	cttgtgttga	ttgataaact	540
actccctaag	ctgattgcag	gtggccacaa	agtactcatc	ttctcccaga	tggtgcgctg	600
cctcgacatc	ctagaagatt	acctcatcca	gagaagatac	acctatgagc	gaattgatgg	660
gcgagtacgg	ggaaacctgc	gccaggcagc	catcgaccgg	ttctgtaagc	cagattcaga	720
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ttcttacgag	cgcgagatgt	ttgacaaggc	cagcctaaag	ctggggctgg	acaaggctgt	960
tcttcaggac	atcaaccgaa	agggcggcac	caatggggta	cagcagctct	caaaaatgga	1020
ggtggaggac	ctactccgga	aaggtgctta	tggagcctta	atggatgaag	aagatgaagg	1080
ctccaagttc	tgtgaagaag	acatagacca	gattctgcag	aggcgaacgc	acaccatcac	1140
catccagtct	gaggggaaa	ggtccacttt	tgccaaggct	agctttgtgg	cttcaggaaa	1200
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ggatgacagc	cgggcagccc	aggatggctc	cgaccagac	aaatcgccct	ggccagtttc	2340
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<210> 4122

<211> 4764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1408)

<223> similar to gi3043622 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4122

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ctgcatcgcc	ttagcttgcg	tcgacaaaac	tatttaagtg	agaagcagtt	ctttgctgaa	180
gaatggcagc	ggaagatcca	ggttctggca	gaccagaagg	aaggagttag	tggctgtgtc	240
accccgacag	agagccttgc	ctctctctgc	accacccagt	cagagatcac	agacctcagc	300
agtgccagtt	gccttcgagg	ttttatgcc	gaaaaattac	aaattgtcaa	gccccctgaa	360
ggatcacaaa	ctctgtatca	ctggcagcag	cttgctcaac	caaacttggg	aaccatcctt	420
gatccacgac	caggtgtcat	tactaaaggc	tttaccaggt	tgcccgggga	tgctatttat	480
cacatctcag	atttagaaga	ggatgaagag	gaggggtatta	cttttcaggt	tcagcaacct	540
cttgaagtgg	aagagaaact	ttcaacatcc	aagccagtaa	cagggatcct	cctgccaccc	600
attacttcag	caggtggacc	agttacagtt	gcaaccgcca	accaggaaa	gtgcctgtcg	660
tgacaaaact	caacattcac	tttcaccacc	tgtagaatat	tacatccctc	tgacatcaact	720
caggttaccc	ccagctctgg	gttcccttca	ttatcctgtg	gaagtacggg	tagcagttca	780
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caagagcgag	gcattctctgc	caaagtgtac	cacagcccaa	tttcagagaa	ccccctccag	960
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gtagcttgaa	ttttaaaaaa	aaaa				4764

<210> 4123

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (941)...(853)

<223> similar to gi5360125 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4123

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aaaaattcaa	caaagtaaaa	attttaaaac	ttgactctaa	ctagttcctt	tttgttttac	300
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ttaagacctg	attttctgtt	tccaattctt	ctttctttgc	ctccaagact	tctactttct	900
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aagtatgtta	atacataatc	tcttatttga	acaaaactat	atagaaaata	ttttactcac	1020
caaaaactgt	gtttagatat	gaatgttttc	agtgaatact	agaaacaaag	gttagtagac	1080
atggctctta	ctgaaaattg	ca				1102

<210> 4124

<211> 543

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (518)...(266)

<223> similar to gi3257704 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4124

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aatcatttag	taaaactgct	ctttatgaga	ccccagaaa	agctggaggc	acttcctctt	180
tttgggtggag	agagaagaca	ctacttaact	ggccatttcc	ttgctggagt	ttattccgat	240
tcccttttgt	ctgattcttc	ctcctcaaac	tcgactaaag	gagtgtgtct	gttggcctga	300
gcaccttctc	tgtagaacac	tttctttact	gtgccatcct	ttggagactt	tatggtatgc	360
tccatcttca	tggcgatcat	aacctgagg	gaatctcccg	ctttcacttt	gtctccagct	420
ttgacaaaca	ccttttcaat	ggttcagtc	ataggagcta	aggggccgcc	ctgagtttct	480
tgtgagctca	cagaagataa	gtatttgggg	actggaatgt	caatctcaat	acttccttcc	540
tag						543

<210> 4125

<211> 1158

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1051)...(28)

<223> similar to gil333634 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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attgttgga tacacgggtg tcacctggg cttctcagac aaaacattct ggatgcgaag 180
tactttctgat cctggagggt cctcagggtt atagttcagt agcttcatag gattaggatg 240
gcatcctgcc aaaatgtctc ctgtggcagg atcgacagtc aggttatcca ctaagggtgcc 300
caactgtatc accttcagtt gagttaaatc ccagttatca tgtttttcca ttatgtgaat 360
gttcttagct gctacatcag ctacatagac atacttctgg tctgctgaga ctgtgatccc 420
attggcacta caaaatcctt tggccaccac tttaacctcc cttgggctgt agaaaagaac 480
ataagtccag cgaagatcca agatcatctc aaaaaatgac aggagggagt tggtaaaata 540
gtggtctctg gtggcataga actgttctgg tccaagaacc acaatgtcat tcacactttt 600
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gtctttgtcg atgaaaatac tgatcccatg tggattaaat aattctttgt caaatccacc 780
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gcggcgggcg gttcctgc 1158

```

<210> 4126

<211> 1882

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1883)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(1298)

<223> similar to gi4581082 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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gccgggggtg tgtccatcta ctacctggg aagaagttcc tgggcgacct gcagccagac 120
ggaaggatca tgtggcagga gaccgggcag accttcaact caccagcgc ctgggccacc 180
cactgcaaga agctggtgaa ccctgccaag aagtcgggct gtggctgggc ctctgtcaag 240
taciaaggcc agaaactgga caagtacaag gccacctggc tccggctgca ccagctgcac 300
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gtggacagca	agatccgggt	tccggtcgcg	tactgcatgc	tgggcagccg	cgacttggcc	540
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gaagaggaga	tctaccagag	cctgttcctg	cggggcctgt	ccctgggtggg	ctggtaccac	840
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tccagcaatg	cgtcacctgt	ggagaagtgg	tgggggaagc	catcataccg	ggcctgggac	1500
cactagactg	agacactcct	cagcctttgt	ttttgaaata	gcgtttcaca	ggctggaacg	1560
cagtggcgct	gtaccagctc	actgcaggcc	tcaaactggg	ctcaagccat	gctggcacct	1620
cagcctccca	agtagccggg	accacaggcg	ttcaccccca	cacctggatc	ctttccaact	1680
tctttgagat	gaagtctcgc	tgttgccag	gctgcagtgc	agtggcatga	tctcagctca	1740
ctgcaacctc	tgccctccag	gttcaagcaa	ttctcctgtc	tcagcctcct	gagtaagggg	1800
gattacaggg	gcctgccacc	acatccagct	aatttttgta	tttttaatag	agacgggttt	1860
caccatatag	accnacaaaa	aa				1882

<210> 4127

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (3)...(292)

<223> similar to gi4062680 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4127

caggctgctt	catgatcaac	aactgcacca	ccctctcccc	agattcagga	gatatcgcca	60
atacgttgaa	atcacgccat	gcgatgcaag	agcgactttt	gcagcagttt	ttatgtcaac	120
gacaagcgcg	cgggggaaatc	ccgccccact	gtgacgtgac	acatctggca	gaattcctta	180
attgtattat	tcaggggatg	tcgatcagcg	cacgcgaagg	tgcatcgctg	gaaaaactga	240
tgcagattgc	cggaaacgact	ttgcgtttat	ggcccgaact	ggtgaaataa	gtcgcaaaaa	300
aagccccctca	gcctgagcga	atgagggggc	aaattgcaga	gtacagcctt	gttatacttt	360

gttattcaaa	atcagttgcc	cgttgctatc	tagcgggata	tgcgtacccg	gatcgcggtc	420
catgcggatt	ttgccctgct	gatcgccaat	cttataggtc	acatcataac	cgagncattt	480
tttctgactt	gtcatacacc	gtttttacaac	gctgttgctg	agtcgtgtaa	gtatcgcttt	540
cctgggagag	agccctggg					559

<210> 4128

<211> 1608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(272)

<223> similar to gi3513303 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4128

gggttcctg	gccctgcacg	tggagaagct	gcccattgag	cccaaccgct	tgcttatcct	60
ccacggcttc	ctggacgaaa	acgtgcactt	tttccacaca	aacttcctcg	tctcccaact	120
gatccgagca	gggaaacctt	accagctcca	ggtggccctg	cctcctgtct	ccccgcagat	180
ctaccccaac	gagagacaca	gtattcgctg	ccccgagtcg	ggcgagcact	atgaagtcac	240
gttgcctgc	tttctacagg	aatacctctg	agcctgcccc	ccgggagccg	ccacatcaca	300
gcacaagtgg	ctgcagcctc	cgcggggaac	caggcgggag	ggactgagtg	gccccggggc	360
cccagtgagg	cactttgtcc	cgcccagcgc	tggccagccc	cgaggagccg	ctgccttcac	420
cgccccgacg	ccttttatcc	ttttttaaac	gctcttgggt	tttatgtccg	ctgctttctg	480
gttgccgaga	cagagagatg	gtggtctcgg	gccagccctc	cctctccccg	ccttctggga	540
ggaggaggct	acacgctgat	gggcactgga	gaggccagaa	gagactcaga	ggagcgggct	600
gccttcggcc	tggggctccc	tgtgacctct	cagtcacctg	gcccggccag	ccaccgtccc	660
cagcacccaa	gcattgcaatt	gcctgtcccc	cccggccagc	ctccccact	tgatgtttgt	720
gttttgtttg	gggggatatt	tttcataatt	atttaaaaga	caggccgggc	gcggtggctc	780
acgtctgtaa	tcccagcact	ttgggaggct	gaggcgggcg	gatcacctga	ggttgggagt	840
tcaagaccag	cctggccaac	atggggaaac	cccgtctcta	ctaaaaatac	aaaaaattag	900
ccgggtgtgg	tggcgctg	ctataatccc	agctactcgg	gaggctgagg	caggagaatc	960
gcttgaaccc	gggaggtgga	ggttgcggtg	agccaagatc	gcaccattgc	actccagcct	1020
gggcaacaag	agcgaaactc	tgtctcaaaa	taaaataaaa	ataaaaagaca	gaaagcaagg	1080
ggtgcctaaa	tctagacttg	gggtccacac	cgggcagcgg	ggttgcaacc	cagcacctgg	1140
taggctccat	ttcttcccaa	gcccagagcag	agggtcatgc	gggccccaca	ggagaagcgg	1200
ccagggcccg	cgggggggcac	cacctgtgga	cagccctcct	gtcccccaagc	tttcaggcag	1260
gcactgaaac	gcaccgaact	tccacgctct	gctggctcagt	ggcggtgtgc	ccctccccag	1320
cccagccgcc	cagccacatg	tgtctgcctg	accgttacac	accaggggtt	ccggggttgg	1380
gagctgaacc	atccccacct	cagggttata	tttccctctc	cccttccctc	cccgcccaaga	1440
gctctgccag	gggcgggcaa	aaaaaaaaagt	aaaaagaaaa	gaaaaaaaaa	aaaaagaacc	1500
aaccacctc	tacatattat	ggaaagaaaa	tatttttgtc	gattcttatt	cttttataat	1560
tatgcgtgga	agaagtagac	acattaaacg	attccagttg	gaaacatg		1608

<210> 4129

<211> 2102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1889)...(96)
 <223> similar to gi4929220 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4129

cctttttttt	ttttttatag	tttaaagagc	tttattaatg	caataaatta	actttgtaca	60
cattttttata	taaaaaaaca	gcaagtgatt	tcagaatgtt	gtaggcctca	ttagagcttg	120
gtctccaaaa	atctgtttga	aaaaagcaac	atgttcttca	cagtgttccc	ctggtgtgaa	180
attggggctc	cctcgcaaac	gctgggttgc	ctgttcaaaa	aagcggaata	ttgtatagaa	240
aagcatgttg	tcttcagtct	gctttgcagc	atctaaaaat	tttcgtgcag	aaatgttgtc	300
atggccacca	atgccccgga	taaaccttaa	ggcagctaac	acttgggtgt	tggaaaggag	360
aacttctact	atttcatcat	ttgctgttga	aagtcgcttc	agcatgtcca	gagatagctg	420
atgagcagga	ggatagaaac	tctctaggga	taacagcaga	caagccaaag	gtttggagtc	480
gctgaggacg	tggtagtgca	ggaactgatg	cagcatataa	aagaggttgt	gctggacaag	540
ggttttgata	acaagttcat	gtaggtaatg	ctgtactgca	atctgaaact	ggttaagaga	600
acgaatgtat	tccatcagca	cggctatcac	aaatttatga	ggcatctcct	tctttccac	660
gaaggctgac	aggacatggg	tgtacacatc	tgactggtcc	agcaacgcct	gggtccgcac	720
cggcctcttg	aggagcgggc	tgcttcggct	ctgccctgct	tccaccgcca	tcgcataact	780
ctgctcggca	tccaggtact	ttttatactc	atggttgagt	ttatcaaaaa	cagtggctat	840
cacgggcagc	gatgctctgt	ctgactcact	taacatctgt	gaacagacag	acaggatgac	900
catcttgcac	tcccttctct	ggaggagaaa	gtccatgagt	cttcctttgt	ctggtaagag	960
atttactatg	ggctcaagtt	tcacttggag	gttcagagg	taaccttggc	ttgcgctgat	1020
aatgatgtca	ggttgaaaga	caatccaaga	tgaagaatag	agtttacatg	gaacaggaga	1080
ctggctggtc	acggcagcag	gacctgtgat	ggggatctga	tagggctgga	tcgatcgagc	1140
aggaagcacg	gggtgggtgga	aggtaacgga	gccgtcaaac	tctccccgta	acttgatata	1200
gaatattacc	gatgtctctg	tatcctgatg	atgcacgact	accaggttgt	ccaccacggt	1260
cagggcaaac	tttcccgtcc	tatttaactt	caatatgtgc	atctttttac	aggcaccttc	1320
tcgtggtaga	tgatagagga	ccacctccgc	tcctgtgctg	ttggagggtc	gagaatgatg	1380
cctcaagaag	agaacataca	gctgcccgtg	tatggtagcc	attgcgatgt	ctcttttcgga	1440
aaggctgggt	ttagttgact	taggcgcagc	tggttaattca	atctcaaatt	tgggcagctt	1500
cgacatagtg	ccagccctaa	agtgaaaagg	ctgcaggaca	ttctccagga	ccgtggtaga	1560
cagcaagatc	acggcgctct	cggggcagta	catgtaccaa	ttcacattga	gattgtggct	1620
cttcaagagt	ttcagaactc	gtttctctgg	taataacctg	taaaattcga	ttccttgatc	1680
tgttatgaag	acaatttcag	ttgaactagt	ccagcagaat	cctagaatgt	tggcattctt	1740
agtcttgac	tcctgtgtgt	attccagctg	ggaattatca	gggataaaat	tacaaaaatc	1800
cacagtcttt	gaggtcctct	gaacagccaa	tatcttattt	tctaaggaaa	acttaatgca	1860
cttcacttct	cctttgtcat	ccattctaaa	tgagatggga	ttcctatcat	ctgggccttt	1920
aactaccacg	ccagtagctc	caaccagatc	aacagcaaaa	acctgcttgt	tggcctcatc	1980
gaagaagacg	cagttgacag	ggttcgctt	ctcgaactgc	accggccgct	cgcacagctc	2040
cagatagtag	tcctcctcgc	ccatggcggg	cgcagcgccc	gcggcggggg	ccccggacga	2100
aa						2102

<210> 4130
 <211> 1049

<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (193)...(654)
 <223> similar to gil840045 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4130

ggaaggcctg	gtgcaggagc	ctctgagctc	tttcttctg	tgaccacgga	cctgtcagtt	60
tccaaacaaa	acgcgtgcct	cacttggtgtg	gattttgtca	ctgtgcatgt	atgtatgggt	120
ttctggggca	ttggtcctgg	tgctctctcc	acatcctgca	tcccgtaacc	tctgtctcat	180
ggcccaggca	gtgtgaaggc	ggagatgctg	cacatgtaca	gccagaagga	cccgtctatc	240
ctctgtgtgc	gcctggccgt	gctgctcgcg	gtgacctca	ctgtgccagt	cgtgctgttc	300
cctatccgcc	gggccctgca	gcagctgctt	ttcccaggca	aggccttcag	ctggccacga	360
catgtggcca	tagctctgat	cctgcttggt	ttggtcaatg	tccttgatcat	ctgtgtgcca	420
accatccggg	atatctttgg	agttatcggg	tccacctcag	ccccagcct	catcttcac	480
ctccccagca	tcttctacct	cgcattgta	ccctctgagg	tggagccttt	cttatcctgg	540
cccaagatcc	aggccctgtg	ctttggagtc	ctgggagtcc	tcttcattggc	cgtcagtc	600
ggctttatgt	ttgccaaactg	ggccacaggc	cagagccgca	tgtctggaca	ctgatcaggc	660
cctgctggcc	caggtccctg	tgcgcatgca	catggagggg	tcagggccgc	tccctagggt	720
ccctcctgcc	caacatgtgg	aggtggctgg	ttcccatgaa	cgtggtgtgc	agaggcgggg	780
gacagcagag	gctgcagact	ggcccacttc	cctctctccc	agggatgcca	agcttggatc	840
atggccctaa	tcccaacccc	aaccccatgg	gaggaggagg	aggaggaaga	agaggaggag	900
gaggaggagg	aggaggagga	ggaggaggag	gccaggtcct	ggtggagcct	ttgccagcc	960
cagtcctctc	tgctcctcc	tggctgaagc	tgtttgtcca	ggattaccct	cggggctaaa	1020
gaggaaaaat	aaagatgttg	agctaccaa				1049

<210> 4131
 <211> 4199
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2550)
 <223> similar to gi3882185 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4131

cagcacatga	ggaacctgca	gcaacaggag	ctgcacaggc	ttctccgggt	ggctgacaac	60
caggaactgc	agctcagcaa	cctgctctcc	agggaccgca	tcagtccgga	gggcctggag	120
aagatggcgc	aactcagagc	tgaactgctg	cagctatatg	agcgtgtgat	tctattagat	180
attgagttct	ctgataatca	gaatgtggat	cagatcctgt	ggaagaatgc	tttctatcag	240
gtgattgaga	agttcaggca	acttgtcaag	gatccgaatg	ttgagaaccc	agaacagatt	300
cggaaacagac	ttttggagct	cttggtatgag	ggtagtgact	tctttgatag	tttgcctcag	360

aagctgcagg	ttactttacaa	gttcaaactg	gaagactaca	tggatggtct	tgccattcgc	420
agcaagccat	tacgcaagac	agtaaaatat	gccttgatca	gtgcccagcg	atgcatgata	480
tgccaaggag	atattgctag	gtaccgggag	caagccagtg	atacagcgaa	ttatgggaaa	540
gcacgcagtt	ggtagctgaa	ggcccagcac	attgctcccc	agaatgggcg	cccctataac	600
cagttggctt	tgctggcagt	gtatacgagg	aggaagcttg	acgctgtcta	ttactatatg	660
cgcagtttag	ctgccagcaa	ccctatcctg	actgccaagg	agagtctcat	gagcttggtt	720
gaagagacca	agcgggaaggc	agaacagatg	gaaaagaagc	aacatgagga	atttgacctg	780
agccctgacc	agtggcgga	aggaaagaag	tctactttcc	ggcatgttgg	agatgacacc	840
actcgctgg	agatctggat	tcatccatcc	catccacggg	cttcccaggg	cactgagtct	900
gggaaggatt	ctgagcaaga	gaatgggctg	ggcagcctga	gtcccagtg	tctgaacaaa	960
aggttcatcc	tcagttttct	ccatgcccct	gggaagctgt	ttaccgggat	tgggatggag	1020
acattccctg	cagtggctga	gaaggctctc	aaggagttcc	aggtgttact	gcagcacagc	1080
ccctctccca	ttggaagtac	ccgcatgctg	cagcttatga	ccatcaatat	gtttgcagta	1140
cacaactccc	agctgaaaga	ctgcttctcg	gaggagtgcc	gctctgtgat	ccaggaacaa	1200
gccgcagctc	tgggcttggc	catgttttct	ctactgggtc	gccgctgcac	ctgcttactt	1260
aaggagtccg	ccaaagctca	gctgtcctct	cctgaggacc	aggatgacca	agacgacatc	1320
aagggtgtct	cctttgtccc	ggacctgaag	gagctgtctc	ccagtgtcaa	agtctgggtca	1380
gattggatgc	tcggctaccc	ggacacctgg	aatcctcctc	ccacatccct	ggatctgccc	1440
tcgcatgttg	ctgtggatgt	atggctcgacg	ctggctgatt	tctgtaacat	actgactgca	1500
gtgaatcagt	ctgaggtgcc	actgtacaag	gacccggatg	atgacctcac	ccttcttatc	1560
ctggaagagg	atcggttctc	ctcgggcttt	gtccccttgc	tggctgcccc	tcaggacccc	1620
tgctacgtgg	agaaaacctc	ggataagggt	attgcagctg	actgcaaaag	ggtcacagtg	1680
ctgaagtatt	ttctggaagc	cctttgtgga	caagaagagc	ctctgctggc	attcaagggt	1740
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tcagaggctg	aaggcagcgg	aggcgaggat	gacatcaggg	agcttcgggc	caagaagctg	1920
gctctggcca	ggaagatagc	tgagcagcag	cgtcgccagg	aaaagatcca	ggctgtcctg	1980
gaggaccaca	gtcagatgag	gcagatggag	ctcgaaatca	gacctttggt	cctcgtacca	2040
gacaccaacg	gcttcattga	ccacctggcc	agtctggcgc	ggctgctgga	gagcaggaag	2100
tacatcctgg	tgggtcccc	catcgtgatc	aatgagctgg	acggcctggc	caaggggcag	2160
gagacagacc	accgggctgg	gggctacgcc	cgtgtggtac	aagagaaggc	ccgcaagtcc	2220
atcgagtctc	tcgagcagcg	attcgagagt	cgggactctt	gcctgcgagc	cctgaccagc	2280
cgtggcaatg	aactcgaatc	catcgccttc	cgcagtggag	acatcactgg	ccagctgggt	2340
aacaacgatg	atctcatcct	gtcctgctgc	ctccactact	gcaaagacaa	ggctaaggac	2400
ttcatgcccc	ccagcaaaga	ggagccaatc	cggctactgc	gggaggtggt	gctgttgacg	2460
gatgaccgga	acctgcgtgt	gaaggcgctc	acaaggaatg	ttcctgtacg	ggacatccca	2520
gccttcctca	cgtgggcccc	ggtgggctga	gggagccaca	ctggggcccc	ccccccggg	2580
gaaccgttcc	tgaaaaggcca	ccaggcgccc	agggtagcac	ggaaaatgcc	cacgtgcctg	2640
agccaccaat	ccaccagac	aataaaccat	cctcttccaa	cccacgccac	ggccatgctg	2700
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aatgtgttca	agaggctttg	gttaagtcag	gaagaagtgc	ccagggtgtg	tgtccccagt	3060
ctccctgagg	cctggactcg	cccatgaacc	caagtccggt	tctagacagc	atgtccctaa	3120
cagcagccct	gggcccccc	ctcttctacc	atccacccca	gacttaccac	acacccttcc	3180
tgtgtctcct	cttctgccc	ttatcaacct	gggtccctca	cacttcgcca	gttgctgccc	3240
cgtggacagt	catgagtcta	gaggaaagg	gcactctggtc	tcaggcccgt	gctctcgggt	3300
ggcctccacc	tgtctccctt	ctcctcactg	gcctttcttt	ccgtctagct	tcctcttcag	3360
gaaatgtcct	gactctcctc	agctccccct	tcacccctcc	ttgcccgcct	acctccctc	3420
cagaatagcc	cctcaccctt	cttccccttc	tagttgatcc	ttttcacctc	cctgatcccc	3480
ttcattttct	caccgcgggt	cctcgtcata	ggggttctca	ctctgaactt	tccctctcta	3540
ctacccatgg	caggaacct	gtacaggtct	cccacccagg	gccttccacc	ctcggtcct	3600
gtgctgggag	aaacttccag	gcgtggacag	cccagcctga	ggcattccag	tgtgggggca	3660
ccgtcgcta	acctggtttc	tagctttgcc	ctcactcccc	ggaaaaactg	acactgacac	3720
aggggcccct	tccttgcccc	tttagctggt	acctcagtgg	ggaggcttcc	ttaccaagaa	3780

tgagttcctg	aaaccaggg	ccagagacaa	ggacaactta	ggggaagacg	gggttttcgg	3840
tggagccagg	ggcaaatctt	aatgggacca	gtgggggata	ccccagagcc	catggcctga	3900
ctgcacagcc	tgccctggagg	atgggtgcgc	agctctgccc	tccctgaggg	ccaggactat	3960
gccagaagcg	atgggggtacc	gtgtagggga	gccaaaggcca	gtagtttggg	ggtaggagtc	4020
ccctagagtc	tcagaagact	gggctctttg	gagtacaggg	tccccggcct	ctcctttaag	4080
attctctccc	cagctggaag	gccgatgact	gggtggtcgg	gagggagacc	cagctctcct	4140
ttctgtcccc	tttgagcac	tggttttggt	tccttaataa	atTTTTtagtt	atgaaacat	4199

<210> 4132
 <211> 357
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(128)
 <223> similar to gi183817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4132	
ctgtgacaag	ctgcacgtgg atcctgagaa ctggaggctc ctgggcaacg tgctgatctg 60
tgtgctggcc	catcactttg gcaaagaatt caccacacca tgccctggccc ctctgctggt 120
cttgattgaa	gtcattcatg caactgtaat catctaattg ctcatctggg actgagattg 180
tctcaagcac	atgtctggca gttggtgtca cttgttgatt gggcctctct cttaacgtaa 240
ggaagtgagc	caaagcttct cacattatga cagcagggtt cccatagagc caagtgacag 300
ctgtaagtgc	tcttgaggta tcaacttggg agacacacca ttacttctgc attgtat 357

<210> 4133
 <211> 458
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (458)...(63)
 <223> similar to gi286015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4133	
gaattcatga	cttaacgtca gttagtattg cttaatggaa tcgacatata tattgttata 60
ccgtgaatca	ttttcagtca agaccacatt tctcagagtt tgccaaaaca aaccttctgc 120
cttcgggttg	tcaggccact ggaggatgga gctcttacag atccgctgcc gtagcctcaa 180
atactgagaa	tgctgtaaca ctggctccag caggataaat ataatcacat ccatgttctc 240

atccattagc	ctctgcaaag	ccaagtaaaa	agctgtttta	aagttccagc	tttttgcata	300
tttttttggt	aaaacaaata	ctgttttctt	gctttggttg	atgctctgca	tgagggtgtc	360
gatgatggcc	aatcccgggt	cccaatccct	ctcctctaga	caaaggagaa	cgtttttgtc	420
tcggctctct	tcaaggtggt	agcgcagctc	atttatca			458

<210> 4134

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(347)

<223> similar to gi1943947 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4134

cttggcagcc	ttcgcggtgg	ccacgggtgac	ccagagcttc	ctgctcagcg	cctttcttctc	60
ccgcgccaac	ctggctgagg	cctgcccggg	cctggcctac	ttctccctct	acctgcccta	120
cgtgctgtgt	gtggcttggc	gggaccggct	gcccgcgggt	ggccgcgtgg	ccgcgagcct	180
gctgtcgcgc	gtggccttcg	gcttcggctg	cgagagcctg	gctctgctgg	aggagcaggg	240
cgagggcgcg	cagtggcaca	acgtgggcac	ccggcctacg	gcagacgtct	tcagcctggc	300
ccaggtctct	ggccttctgc	tgctggacgc	ggcgctctac	ggcct		345

<210> 4135

<211> 369

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (60)...(249)

<223> similar to gi300478 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4135

caaaccata	tactctatcc	tcaatacctc	cctccacaac	ccattattct	gtcctagcaa	60
acctagctga	ccccatagat	cctaattcct	ttcgccactc	ctctttccat	tccttaaaaa	120
cagccctaga	agctgccacc	acgctagctc	ttccctaactc	atcccaaccc	ttttcattac	180
acacagccaa	agtactgggc	tctgcgggtca	aaattcttac	acaagagccg	gaaccgtgcc	240
ctgtagcctt	tctgtccaaa	caacttgacc	ttactatctt	aggctggcca	tcattgtctcc	300
gtgcagaggg	tgccgcccgt	ctaatacttt	tagaggccct	aaaaatcaca	aactatgtcg	360
acgcggccg						369

<210> 4136
 <211> 1451
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1452)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (220)...(402)
 <223> similar to gi31280 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4136

tataggctaa	ctatataagg	ttatttcagc	tgtgatgata	cagcagtttt	gttgaactta	60
aaagagccta	cctattaagg	atgctttatc	gtgatgtaaa	gaagatgggtg	ccttggttag	120
tgccttgga	ttgaggattt	tgtgattcca	ggagaaagta	catcaggcag	tggtgtaaat	180
gctggtccat	ggcttacaga	tgtgactctt	tcctcaggtt	cattccgaca	ggaccacccc	240
agtagcatgg	gtgtttatgg	gcaggagtct	ggaggatttt	ccggaccagg	agagaaccgg	300
agcatgagtg	gccctgataa	ccggggcagg	ggaagagggg	gatttgatcg	tggaggcatg	360
agcagaggtg	ggcggggagg	aggacgcggt	ggaatggggg	aagagcaaac	cttttctcct	420
tttaccta	tttgtttcat	ccataggatt	ttcagtgga	agaagggact	gaaagacata	480
agaaatta	ttctgcattt	ccatggacaa	tctgttgagc	tcaagccatc	ttctaaaaca	540
tggaaatg	atctttgtgg	catatattaa	gtggcagttt	attttctttc	cctgccagta	600
tacttcgttg	ggtcggggag	aacaaagaat	ggttttgaaa	ccagagcttt	cagttccctt	660
catggtttcc	agaggtgaga	agcctctgtg	ggtagtagat	ttgggatgga	acacacacaa	720
cccttcta	gaccctaagt	tgtaactaa	ctgcctttga	atggttgtct	tgaaatacct	780
ggtgtatata	ctgcagaaaa	ggaatgcagc	tgttttccac	agtgtttgtc	cccaacttct	840
gtttgtactc	agaatcgttg	aacatatgaa	gattttgggtc	ccataatcct	taaactatag	900
cctgaggtgc	acctgattac	atagagtttg	gatggagcaa	agaaaaatcc	aatagcattt	960
tgcagagtaa	tgtatataat	tatgggctca	cttcctactg	gagatgttga	aagtctaaat	1020
cggtttgacc	attttgattg	atggcacaat	ctggtttaga	aaactttgtt	tagatcaatg	1080
acataaccct	gctgcctctg	cctgcccttc	ccctcccttc	tcccatcccc	ttttccctat	1140
ctggtgtctg	tactttgatg	aaggtgagct	ataatattgg	tggttaacat	aatccagaag	1200
gcttagttct	gtgtgtgttc	tgtccctata	taaactngga	aaaaaaaaaa	aaaggggggg	1260
ccgttttaaa	ggatccaatt	ttacgtcccc	gggctggcaa	ggtaatat	tttttatggg	1320
gcccccaaaa	ttaaatcccc	gggccggggg	ttaacaacgg	ggggagggga	aaaccccg	1380
ggttcccaa	ttaaatcgcc	ttggaagaac	accccccttt	ccccgggggg	ggaaaaaaaa	1440
aaaaggcg	g					1451

<210> 4137
 <211> 331

<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature

<222> (203)...(94)

<223> similar to gi307106 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4137

caactgatag	gggaaaaacc	caacacactc	ttggtcttca	tgtaattctg	tgaataaaat	60
ttgaaataaa	tatattaaat	aaatacagta	gtacctgctg	ttggaaaagt	tcttctctca	120
caaccactcc	agctgcttct	tcctcctcct	cctcttcttc	aggtatggat	gcttttaaaga	180
ctgtacttct	ttgagcaacc	tcctaaaaac	aatagtagtt	taagttaata	aacacactta	240
aaatcaccaa	atgcggtgga	tagggacctt	ttctttgctt	aagagacagc	atttcttgcc	300
aggcgcaatg	ggtaacacct	tgaattccag	a			331

<210> 4138

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1007)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (297)...(664)

<223> similar to gil60299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4138

atcaccaaga	cctattgatt	ccacccattc	cacttctcct	gaagctttcc	ccttctctgc	60
attttcccat	catcacattc	tactcaacct	attgacactg	accacctact	atgggccagg	120
cactgcgcta	ggctgtaagt	ctacataatg	atctcaacaa	acaaactgga	caaataatag	180
aggatgattt	ataagaagaa	gacatcaagc	gaggaaaaag	aaaaaggcta	tcctctgtga	240
tgtgtgacag	tgatgagagt	gatgacagcg	atctcctagt	tagaaaagta	ggtgttaaag	300
gtccccgtag	agtggttgaa	gatgaagggt	cttcagtggg	aatggagcaa	aagactcctg	360
aaaaaacatt	agctgcacaa	aagcgagaaa	aacttcagaa	gctcaaagaa	ctctcaaaac	420
aaagatctcg	tcagagacgc	agtagtggtg	gagattttga	ggactctgaa	aaggaatctt	480
gccccagcag	tgatgaagtt	gatgaggagg	aagaagagga	taattatgaa	tctgatgaag	540
atggagatga	ttatattatc	gatgactttg	tagtgcaaga	tgaggagggt	gatgaagaga	600
ataaaaaacca	acaaggagaa	aaattgacta	catcacaact	gaaattagta	aaacggaatt	660
ctctttattc	ttttagtgc	cactatactc	attttgaaaag	agttgtgaag	gctcttctga	720
tcaacgcttt	agatgaatct	tttctgggaa	cattatatga	tggcacaagg	caaaaatcat	780

atgcaaaaga	tatgctaaca	tctcttcatt	atttgataa	ccgctttgtt	cagcctcgtc	840
tagagagctt	ggtatctaga	agtcgttgga	aagagcaata	taaggagcga	gtagaaaatt	900
attctaattgt	aagtattcat	ttgaagaatc	ctgaaaactg	ttcctgccag	gcttgtggga	960
ctgcatcgct	actgttaant	attcagtgcn	tttttccagg	agagtt		1006

<210> 4139

<211> 1433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (147)...(197)

<223> similar to gi3845179 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4139

cccattttgt	tcccccccca	aaaaaagggt	tctttccaaa	aattcccaag	aaggtttata	60
ataccccccc	ctaaaaggaaa	aaaaattttc	tttccactcc	cgcgttaaatt	ttggcccccc	120
cagggattct	ttaaaacggc	ccccctttt	ttttttttt	ttttttttt	agaacaaaac	180
aggtatat	ctattagact	acctgataca	gaagatagtg	tggtatggat	ggatagtatg	240
aaggacaaat	aatacaaata	tattttattg	aaataaacia	aaatgcatac	acagctcaat	300
gggtcacttg	gaacaaactt	gcttgactat	attactgagc	agaaacaaaa	cgggaagcaca	360
aacacctttc	tttttttgac	atgtatctgg	agataggtag	gaagacacta	cttgggtttt	420
taaaaaactg	accttccctt	aaggcctggt	catagaagtg	taaacaatgt	aaatgaatcc	480
accattacca	gttgtcatat	catatctatg	tcacctgtgt	attctgagat	tacacacata	540
cctgccaaata	tacctgggaa	aggttatttt	atcacagtta	cacttgagtt	cttggcaggc	600
aggactgagg	aagagtaatt	tgaaagaagt	tttacatcct	atttagaaga	aatcactagt	660
atttccttaa	ataacagggt	acaatagaaa	gatactgcct	ggaagttatc	ctttcacttt	720
ggttcatttt	tagtttttct	ttatgattta	catagctgtt	taattcattt	gcttatagta	780
caatcctgcc	ataaagtatt	aaagcacaag	atacctatta	ttccttcaac	atctgcattt	840
ttcaagtttt	atactctata	tccacagtac	gtcagcagtt	cttgaatgtt	taaaaaaata	900
aatgggtaaa	atgcttctaa	aaaatgcaga	tgtttataac	tacaatggta	ctaagatggg	960
aaggagacaa	tgagagaagg	gataaaagca	aacatgttca	tgtgcaggga	atgtgggttca	1020
agtcttttga	tttaaaaaca	agttccccag	agaagctggc	acttcctttg	ccctccaaaa	1080
aggacctgaa	aagtcccaat	ccaaacttta	gaaaattagt	tatgagatgc	aataaatgat	1140
gatatgagat	gcaataaatg	atgatcaaag	cagtcagagg	gagaaggatg	aatgtgtcct	1200
ccatttagct	agagactgta	gcatagcctc	tttaggtgtt	ggtggatcag	taaaaacgac	1260
tgaagtacca	gaagtgcctg	gaaggatagg	ggtacaaagt	aatgaccata	ataccttgtc	1320
taaatcagta	gcagggtctc	atggctagga	aactttttta	aacagtaaaa	tgctcattagg	1380
atagatcact	ctctcaccaa	cattaaatgt	ggcagaatta	accaaaaaaa	aaa	1433

<210> 4140

<211> 760

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(359)
 <223> similar to gi3800742 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4140

gggaataagc	ttgcggccgc	ggaggacctg	tcggacgcgc	tgtgcgagtt	tgacgcggtg	60
ctggccgact	tcgcgtcgcc	cttccacgag	cgccacttcc	actacgagga	gcacctggag	120
cgcatgaagc	ggcgcagcag	cgccagcgtc	agcgacagca	gcggcttcag	cgactcggag	180
agtgcagatt	cactttatag	gaacagcttc	agcttcagtg	atgaaaaact	gaattctcca	240
acagactcta	ccccagctct	tctctctgcc	actgtcactc	ctcagaaagc	taaattagga	300
gacacaaaag	agctagaagc	cttcattgct	gatcttgaca	aaacttttagc	aagtatgtga	360
aacaagaagt	tctgggtcct	ttcatcataa	gggagaagct	tcagaaagtt	ccgaggacct	420
gctaaaacta	aatcagcta	ctagaatctg	ctgccagagg	ggacaaagac	gtgcactcaa	480
ccttctacca	ggccactctc	aggctcacct	taaaatcagc	ccttgatccc	atttctgggc	540
aatttagaca	gtgaaactga	ctttgtttac	ctgcttgacg	catattagaa	cagacgatcc	600
atgctaatat	tgtattttct	cttaaaacat	agctttcctg	taatttaaag	tgcttttatg	660
aaaatatttg	taattaatta	tatatagttg	gaaatagcag	taagctttcc	cattataata	720
tatttttgta	tacaaataaa	atttgaactg	aaaaaaaaaa			760

<210> 4141
 <211> 4090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> similar to gi2130632 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4141

gtggcacaga	gaatgacagt	ggtggtcctc	aaagccagac	acttgccgaa	gatggatatc	60
accggtctct	caggtaatcc	ttatgtcaag	gtgaacgtct	actacggcag	aaagcgcatt	120
gccaagaaga	aaacccatgt	gaagaagtgc	actttgaacc	ccatcttcaa	tgaatctttc	180
atctacgaca	tccccactga	cctcctgcct	gatatcagca	tcgagttcct	cgttatcgac	240
ttcgatcgca	ccaccaagaa	tgaggtggtg	gggaggctga	tcctgggggc	acacagtgtc	300
acagccagtg	gtgctgaaca	ctggagagag	gtctgcgaga	gcccccgcaa	gcctgtggcc	360
aagtggcaca	gtctgagcga	gtactaatcc	tgttcttctc	tcctctaate	cccggggggc	420
aagctgggga	gggatgtgga	ggggaaaaaa	atgacagaga	agtggactcc	aaacctcatt	480
ttagttgtag	aagaaaattt	cttacaacac	aaattccaca	aagaacaccc	tatatgacca	540
cagctgcaga	tcagttctta	gcaatgatgt	ttttttttct	gctttgcaag	gcgctagaat	600
cttttatatt	actttatttt	ttttgagggtg	gagtttcgct	cttggtgccc	gggctggagt	660
gcaatggtga	gatctcaact	cactgcaacc	tctgccctcc	aggttcaagg	gattctcctc	720
cctcagcctc	ccaagtagct	gggattacag	gcacccacga	gcatgcccgg	ctaatttttt	780

gtatttttcag	tagagatggg	tttcaccatg	ttggccaggg	tgggtctcgaa	ttccagacct	840
caggtgatcc	acccgcctcg	gcctcccaaa	gtgctgggat	tacaggtgcg	agccaccgtg	900
cccggcctct	ggttttgttt	tgtttttttt	ttttaatggg	ggacaaaaga	gagggaaaga	960
cccctataaa	atctatatat	aacaatgtaa	ccataactt	gcatgtctta	atacaaacgtg	1020
aagaaattag	cctaactgcc	aatatcaagt	tggcagatgt	taatccatgg	aaattgtgtt	1080
ttgtgctgaa	ttgtatttgc	tgattacctg	aaattggcct	ctttttattg	ggcttctctg	1140
gagaattttct	cccactcccc	acctctgcag	aagaaaattt	tgctcttata	aaacctcatg	1200
ttttcatcat	tcccatcttt	tctttttatt	gcctcttata	tctctgctct	ttgacctcaa	1260
ggtctagagg	tctgcagtaa	gccaaagaa	aaaggtgggg	tggatgaggc	aaggtttgca	1320
ggagaaagag	gaattgagaa	atgggggtatt	tttgctatca	gctcttctgc	tatgaagtag	1380
taaaaggcag	tctataatta	actgacagac	ctaactgaag	cacagagaat	acatcagact	1440
tatgcatcca	agacatcaga	acttggaatt	tatcaaactt	gatgacttct	ctaaaaggag	1500
ctttggaaac	ttcaaattca	gctataggat	agtaccaatg	aacacatcca	gctgatccca	1560
aaagctgttt	tcaggtataa	ggacaaggag	aggagacaag	tgacgacagc	cattccccct	1620
tgacgctatc	tactgtagtg	acagccattt	cttggttgat	gggttggaag	tcacagaggg	1680
tttgaagaat	tacactggcc	tttgtttttc	tggaaatgcc	gaccatggag	atgcttttaga	1740
gtcttctcaa	atagcttaga	tggtgtaatg	aggtttagctt	tgcttcataa	aacagggggcc	1800
ctcagaagtt	ctccttaaat	ttttcaataa	aaatttagct	cttaaaaaaa	taacagtgtg	1860
actgagtga	tgaagataag	ttggattctt	tcagagcatt	cttttctcca	aaacgagctg	1920
cataattctt	ggaatttatg	tcttaccaca	tgggtggagg	atggaggaac	tacaggatgc	1980
aattcttctt	ctaccaatgg	gcaatagagg	ttgagagaga	ttcagcatct	ttctgggatt	2040
agaattcaag	tctctttact	cctacagcag	ctgtgtctcc	aacgttgaga	ctttgcagat	2100
ggcacagatg	ccatggataa	taggtaaact	tggggccggg	cgagtggtct	cacgcctgta	2160
atcccagtat	tttgggaggg	cgaggtggaa	agatcgcttg	agcccaggag	ttcaagacca	2220
gcctgggcta	catgacgaaa	ctccatctct	atcaaaaata	caaaaaatta	actaggtgtg	2280
gtgctgcacg	cctgtggtcc	cagctattca	ggaggctgag	gtgggaggat	catttgagcc	2340
cagaggtaga	ggctgcagtg	agccatgatc	atgccactgc	actctgggct	gggtaacaga	2400
gtgagatcct	gtctcaaaaa	ttaatttaatt	aattaattaa	aataaaactag	gtaaaacttg	2460
ataggcagta	gatatttttg	cccacctgag	gaggaactca	gtcaagctgt	tgcttaacag	2520
cttgatccag	ggcgtgaaag	gttagttgag	actgaagtgt	tcacttccat	agaagaacat	2580
cacttttaac	cttgctttgg	cgaagggagt	cggaaagctg	agtctctatg	gacggggggg	2640
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aaccttttgt	ttgatttcag	cccattgtct	tgacaatgca	gagcaattct	gagcagtcac	2760
aaagcctact	ctctgttctt	gtccctgcc	acccccaccc	cccataatct	gactcacaac	2820
ttcaccatca	gttgggggtca	taccactagt	ctctgtccta	taccccatga	aatgtaaata	2880
ctgtatcata	agtagaagaa	aataattttt	gttttctaaa	aatgcatttt	gagatagttt	2940
aatgtaaaat	tgacaggagc	attctgaagc	cccattagga	aaaaatttaa	atggttcctc	3000
ttcatcgctt	taatgtctaa	agatcagaaa	tcgctgagca	aaccgccttt	tgtttccttc	3060
ccagaaacaa	tgcaaaacaa	caggtggaga	tagtctggtc	tttgccctgc	tgtgtgtgcc	3120
tctgtagctc	ctcctgacaa	acgtctggga	aaacagcctc	acccactct	cctctctctt	3180
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ttccagagct	aactgataag	agtggaggag	gaatgccttc	tcctaagagt	cagttgaaag	3480
aaagacaaga	gagtcacatc	ttagcttttg	cacaaggcat	tcgtggtcag	gaataggtta	3540
gggaatggtc	acttctgatt	ttccaacagt	tgctccttct	ctgaagagat	cttgattcct	3600
ttgggaagac	aagaattttt	cttaataaca	aaggtccctt	tatgagttat	tccttctttc	3660
agttcatctc	actggagcac	agccaagatg	gacatgttta	tggacagtgc	tctagatgtg	3720
aaaacagata	gaactggttt	gtgggacagg	ggcagcttgc	tcaggagagg	gaataacgca	3780
ggtccctttt	cttggaaggc	ttgtactatg	gccatgacag	tgacattgcc	ctcaccatga	3840
tccctctcca	aagtggttgt	ctttctttac	cttgtgtctt	ctcttgtaaa	aatgaaactc	3900
aaaaataaaa	taaatgtgtc	aaattttgaa	aaaaaaagaa	aactgaaaaa	gctaactatga	3960
attgtgtgaa	attgcataat	gctgtaatgc	taatctacaa	tatgtaatgc	tatcttgtat	4020
gttgaatttg	ttaatgcacc	acacaagtgc	aaaataaaga	ctgattcaca	ttacataggc	4080
aaaaaaaaaa						4090

<210> 4142
 <211> 2679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2680)...(1435)
 <223> similar to gi55729 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4142

cttccatgac	agcatcaccc	tcattgttct	gtcatctgag	gtgggcatct	ctgagctgag	60
gctggagaga	ctactccaaa	tggtgtttgg	agccatgggtc	cttcttgtgg	gacttgaaga	120
actgaccaat	atccgcaacg	tggagagact	gaagaaggac	ttgagggcca	gttattgcct	180
catcgacagc	ttcctggggg	actcggagct	catcggggac	ctgaccagct	gtgtggactg	240
cgtgattcct	ccagaggggt	ccctcttgca	ggaagccctc	tccgggttcg	ctgaggccgc	300
gggcacgacc	ttcgtcagtc	tggtggtgtc	cggccgggtg	gtggcagcaa	cagagggttg	360
gtggcggctg	gggacgcccg	aggccgtgct	gctcccctgg	ctggtggggg	ccctgccgcc	420
gcagaccgct	cgcgactacc	cgggtgtacct	gccgcacggg	agccccacgg	tcccacaccg	480
gctcctgacc	ctgactctgc	tgccgagcct	ggagctgtgt	ctactctgcg	ggccgagccc	540
acccctcagc	cagttgtatc	cacagcttct	ggagcgtgtg	tggcagccac	tgctggaccc	600
gttgcgggcc	tgtctgccgt	tgggaccccc	ggcgtgtccc	agtggcttcc	cccttcacac	660
agacatcctc	gggctgctgc	tcctccacct	ggaactgaag	cgtgcctctc	tcaccgtgga	720
gcccttgggg	gataaagagc	cttcaccaga	acagcgccgg	cgcctcctcc	gaaacttcta	780
taccttggtc	acctccacgc	acttcccacc	agagccaggg	ccaccagaga	agacagaaga	840
tgaggtctac	caggccccagc	tgcccagagc	ttgctacctg	gtgttgggga	ctgaggaacc	900
aggcacagga	gtgcgtctgg	tggccttgca	gctggggctt	cggcggctgc	tgctgctgct	960
gtctccccag	agtcccaccc	atgggctgcy	aagcctggcc	acccacactc	tgcatgccct	1020
caccccactt	ctttgactac	ctagcagtgg	gtgatggaca	cagacatggg	gctgttagcg	1080
tctctctgtt	tattcgctca	caataatata	cagccccctg	atggggaggg	gggtaggagg	1140
ggctacaaca	aggggtgggg	gggaggggat	ggagacatcc	acttccctgg	cccctctccc	1200
ctctgtgctt	gggggggaaa	gggagggagg	gggacttccc	ctaaccccc	agaatgtaaa	1260
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<210> 4143

<211> 4386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (112)...(1945)

<223> similar to gi4759365 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4143

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cccagtggaa	actctttgct	gtcttctgaa	acgattttta	gaaccaataa	gagaggcgag	240
cgacggaggc	gccggtgcca	ggtggcattc	agctacctgc	cccagaatga	cgatgaactt	300
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attttcaaag	acaagccaat	caaaactaag	ccaaggtcaa	ttgaagttaga	aatgactttt	660
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tgtgag						4386

<210> 4144

<211> 3482

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2) ... (2890)

<223> similar to gi3043728 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 4144
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cgtcccgggc ccggccgcag ccccgaggcc cggagggagc ggcggggccg gcgccatggc 180
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cagcctgact ctgaagaagc tgggtgtctt caaggagctg gagaaggagc tgatctccgt 360
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aa						3482

<210> 4145

<211> 1774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1777)...(297)

<223> similar to gi2661090 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4145

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accagatctt	acaaataatc	atctaaactt	ctctggccat	tcaatttgat	acattatccc	240
aaatattcca	tgtcacatgg	tccacaaggt	tttcttttgg	gattctgaag	caatcaatag	300
ccataacttg	cattaagatg	ggttctgcca	tctccacttt	gaccttcagg	tgggaccac	360
acacagtagt	ctgggtcatc	ttcaggatat	ttggaagaaa	gtgttggtgg	aagtttgctt	420
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tcttcacttg agtcttctcc tagcatcttc ttct 1774

```

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<210> 4146
<211> 1911
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1912)
<223> n = a,t,c or g

```

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<220>
<221> misc_feature
<222> (3)...(933)
<223> similar to gi2642187 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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tagacaccag cattcggccc tggacaacac acaatacggc caacaggggc aatggcaagt 720
actatgagac ggccctgcag gcggccctga cagtgaggcc cgagatcggt tccattacct 780
ccttcaatga gtggcacgag ggcacccaga ttgagaaggc cattccaag aagacaccca 840
ccgcctgta tttggactac ctgcctcacc agcccagcct gtacctggag ctgacacgcc 900
gctgggcgga gcaattcatc aaagagaagg agcagtggct catgtgaggg gcctgtaaat 960
gggcgtgagg tgctgatgtc cttgccttgc tggagatgt caccatgtgg gggtcagctg 1020
aggttgtagc cactcactcg tttccaggtc agaggtcagc agatgggtgt ttctgggtgg 1080
gccgtcaggg atgggcctgt gcaacacaga gcccgttcct caagcgagtg gtgctgaggt 1140
gctctgtggg gatgggaacg gcagaggctg gcagggtgact gaacttagcc cagggcagct 1200
ccacatcctg ggaacacttt catgtaaccc cttctagttt tgaactctgc agcaggctgg 1260
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gtcttctcta agttagggaa ccatatttga gactttcaaa aagggaactt ctaggtttta 1440
gctcctccca gtagattcct gaacccaatt atcaggaaat catcctgagc actcacaggt 1500
tcatttaaca ctactcate aagcaccttc ctatgtgcta ggtgctgggg aaaacttgac 1560
caaggaagag ttctgtctct gaagcttcca ggaccagct ttcttttct ggtgtggcct 1620
tgtagctagt gcctgggcac aggtgttttt ctttttgcag ttttacctag tgctgggagt 1680
tcagttcttt ttctctaga aaaatacctc tgtgtctccag agcctaattt tcccagatg 1740
catatttagc tctagggaga ggactaggag gaaatcccc tccctttagc tgctgaact 1800

```

```

gactgaggcc cactcactag agccatgttc agtgctactg tgattagtag taattaaata 1860
tgaactggta ttctggcacg aggcctgttn ncaagcttgg cgtaatgatg g 1911

```

<210> 4147

<211> 396

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (13)...(166)

<223> similar to gil698601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4147

```

cggacgcgtg ggctgtaccc ggcgttcgcc cagcctggcc aggagtgcta cctgcagaag 60
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cgcgacttcc gcaagggcca ggtggccttg tgccagggtc gtctgtgaat ccgcctctgc 180
caccctgcct ggcacccacg ctggctctct cctgcccggg gagaaagcac cagcaggttc 240
tgagccctgg ctgcttgctc tctcgcgaac cccccaggc cggagcttcc ttccttagcc 300
gggaagctgg cagaggagag ccgtgcccg gaaataggagg aggcagcatg ccgagcccct 360
gggacctccc aggcaggctc cggttctctc ctgggg 396

```

<210> 4148

<211> 3068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3069)...(595)

<223> similar to gi5931916 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4148

```

ttatatTTaa atgttttttac taaaaacaaa tattttttact ggaagctaac agatcaaatac 60
aaataccttt aggaaaatct aaagcaatgt ttaaatattc cttcctgcct aaaacctaag 120
aggattttct gatctaccat gctacaaatt tctacaagga atggggcacct ctatagagaa 180
aagggaaatg cagcctaagc cctttgtaaa gaactccaca gcaataatat tactaatcaa 240
atctattgct tttattgttt ttaagtaagt ggtggtatat gtcatttttt taaatgtttc 300
ttttgggaag atcttataga aaatggcacc ctgaaacttt cagctctatg tcccaaaaat 360
tatctttcaa caatctgatg aagtttctta aagaaactct taaaaatgaa gataatatac 420
ctggcctaaa tcaaaacaat ctgaaaaatg gatgtgtccc agtggaaga ctcaagtctt 480

```

ttcaagttta	tcagaaatgc	cactatacac	cactgtacta	taagtcgagg	aggatggata	540
tccaaaggta	tcattttgtg	acagttcctg	atggctcag	gtatataccta	taatcactgg	600
ttactatgca	tcattttctg	tagataaatg	gtattcatgt	gataagctgc	catccaactt	660
ggatgtctct	gagcattcca	ataatatgaa	tgagaagcgg	cagcataata	ttcttgccat	720
gccctgtagt	aagctctcca	gtactcctca	taatcctgat	aggatatcaga	aaaactcaga	780
cgtatttccc	tatgacagtc	ataccaatca	tcttctcggg	cttcagtcctg	caatctgaag	840
gaagaccgcc	tgggtaggtt	tctccggctc	tgttagctc	tctggctagc	cccccttcta	900
agtcttgtct	tcactctggat	tccaggtgat	tcttgatatt	tctctggatt	gggggtgtca	960
cttccatttg	gtggttggtc	caaagaaata	cgatcatcca	caggcgtaga	ttcagagtct	1020
ttcagctgat	tatcagaaga	gccttccaag	tatgacttat	ttcctttgct	ctgggaagag	1080
gttcttgagc	tgtaagaatc	actgtcactc	tcagagtctc	cagattggct	actacttgcc	1140
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gtctgatccc	cagggcctgt	gtagtgcctg	atgatttcca	caggtttctc	taaccctct	1260
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tgggtgctgac	tgttgggtga	gttttcaacg	ggagtctgaa	cagaattctt	catttgctct	1440
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tctgagtggc	ttttcacagg	aagcttttgt	ttggtattat	tttttgattt	gactgatagt	1560
ccagatacag	aattatttct	agaggaagcc	atgtggtcac	catgagcttt	ctgaatttga	1620
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ccagaaggaa	tgggatctgg	taaagggaga	aggttgatat	tacatttctg	ggcaattctc	1800
atcatcatat	tttcttctc	tccccggcaa	cagtaggcca	ctgtcagccc	caatgtacca	1860
aaacggccag	ctctcccaat	ccgatgcatg	tatgtctccc	aatccaatgg	tacatccaga	1920
tttacaacca	gattcacctt	ctcagcatca	atcccacgag	aagtcaaate	tgtggaaatg	1980
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tgtgctctgc	tgtgcaaatt	agaaaagact	aaagcttgat	taaatggaat	tctgctgaac	2160
agttcctgta	aatgctgagt	cttttctca	aaaaccttat	gtgccaaagg	gtatgaattg	2220
acaactttgt	aatactgctt	caaacctatg	agacttggtt	cactggaatt	cagtcttaca	2280
aaagtgggat	ctctcatgta	ctttgtcaaa	gcattagcca	aaaattcggg	ataagtagct	2340
gatactgcc	gcactctgtt	actggcaggc	aaggaagaat	aaatccaatt	tatttgctcc	2400
tggagctgc	cttcttctaa	aagcttatct	gcttcatcaa	gaataaagag	gcgtatactg	2460
cctgggttca	agtagtcaag	ttctatgagt	tgttaattc	tgccaggaga	tccaacagca	2520
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tgacactcta	agccttccat	ttttattcca	atggctgtaa	taacagaatg	tatctgtaca	2640
gcaatttctc	ttgtaggagc	caagatcaaa	atctgggtac	ttaagttttc	aagaacaaga	2700
gagtcacaa	ctatggtgga	gaacacacag	gttttcccg	tgccagattt	agcttgaaca	2760
attaaatcga	gcccgcagcg	ccccaacggg	atggccttga	gctgcaccgg	cgagggcctc	2820
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tcggccggct	ccgccaacag	cacatccccc	gtgcgggtcc	gcgggctgct	gagatcctga	2940
gcggtccgca	ggatcctcac	aggcccgggt	gttggtctg	gggccgggac	ctgcacggcc	3000
acatgctcag	ccggcatagc	agtcgccact	gctgctaagg	ctcccagggc	ttcaactgcc	3060
gccgccat						3068

<210> 4149
 <211> 2050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3) ... (1414)

<223> similar to gi3041879 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4149
tctttccaag gttgtaccac ctgattccag atgggtgaaat taccagcatc aagatcaatc      60
gagtagatcc cagtgaaagc ctctctatta ggctgggtggg aggtagcgaa accccactgg      120
tccatatacat tatccaacac atttatcgtg atgggggtgat cgccagagac ggccggctac      180
tgccaggaga catcattcta aagggtcaacg ggatggacat cagcaatgtc cctcacaact      240
acgctgtgcg tctcctgcgg cagccctgcc aggtgctgtg gctgactgtg atgctgtaac      300
agaagttccg cagcaggaac aatggacagg ccccgatgc ctacagaccc cgagatgaca      360
gctttcatgt gattctcaac aaaagtagcc ccgaggagca gcttgaata aaactggtgc      420
gcaaggtgga tgagcctggg gttttcatct tcaatgtgct ggatggcggt gtggcatatc      480
gacatggtca gcttgaggag aatgaccgtg tgtagccat caatggacat gatcttcgat      540
atggcagccc agaaagtgcg gctcatctga ttcaggccag tgaaagacgt gttcacctcg      600
tcgtgtcccg ccaggttcgg cagcggagcc ctgacatctt tcaggaagcc ggctggaaca      660
gcaatggcag ctggtcccca gggccagggg agaggagcaa cactcccaag cccctccatc      720
ctacaattac ttgtcatgag aagggtggtaa atatccaaaa agaccccggt gaatctctcg      780
gcatgaccgt cgcaggggga gcatcacata gagaatggga tttgcctatc tatgtcatca      840
gtgttgagcc cggaggagtc ataagcagag atggaagaat aaaaacaggt gacattttgt      900
tgaatgtgga tggggtcgaa ctgacagagg tcagccggag tgaggcagtg gcattattga      960
aaagaacatc atcctcgata gtactcaaag ctttgggaagt caaagagtat gagccccagg     1020
aagactgcag cagcccagca gccctggact ccaaccacaa catggcccca cccagtgact     1080
ggtccccatc ctgggtcatg tggctggaat taccacggtg cttgtataac tgtaaagata     1140
ttgtattacg aagaaacaca gctggaagtc tgggcttctg cattgtagga ggttatgaag     1200
aatacaatgg aaacaaacct tttttcatca aatccattgt tgaaggaaca ccagcataca     1260
atgatggaag aattagatgt ggtgatattc ttcttgctgt caatggtaga agtacatcag     1320
gaatgataca tgcttgcttg gcaagactgc tgaaagaact taaaggaaga attactctaa     1380
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aaaatcacia ataataggct aagaagttga aacactatat ttatcttgtc agtttttata     1500
tttaaagaaa gaatacattg taaaaatgtc aggaaaagta tgatcatcta atgaaagcca     1560
gttacacctc agaaaatatg attccaaaaa aattaaaact actagttttt tttcagtgtg     1620
gaggatttct cactactcta caacattggt tatatttttt ctattcaata aaaagcccta     1680
aaacaactaa aatgatttgt ataccctact gaattcaagc tgattttaat ttaaaatttg     1740
gtatatgctg aagtctgcca agggtagatt atggccattt ttaatttaca gctaaaatat     1800
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aagttatagt tgtcttttag tatgtgatac taattaagat tacttttgta ttatcactat     1920
ttaaaagatc ctagtaatat attctttcaa ataccatgtt atttgttacc atcaccgatg     1980
aatacctcct aggcttatcc ctaaaaatgc tcgctcagag aattaattat aaacttgttt     2040
tgtttttagt                                     2050

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<210> 4150
<211> 4188
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(2777)
<223> similar to gi4240253 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4150						
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ctccagtgtg	ctccccagtc	ccttatccat	cagcaccgga	aacaggatga	ccttcctatt	120
tgccaacttg	aaagatagag	actttctagt	gcagaggatc	tcagatttcc	tgcaacagac	180
tacttccaaa	atatattctg	acaaggagtt	tgcaggaagt	tacaacagtt	cagatgatga	240
ggtgtactct	cgaccagca	gcctcgtctc	ctccagcccc	cagagaagca	cgagctctga	300
tgctgatgga	gagcgccagt	ttaacctaaa	tggcaacagc	gtccccacag	ccacacagac	360
cctgatgacc	atgtatcggc	ggcggctctc	cgaggagttc	aaccgaaat	tggccaaaga	420
gtttctgaaa	gagcaagcct	ggaagattca	ctttgctgag	tatgggcaag	ggatctgcat	480
gtaccgcaca	gagaaaacgc	gggagctggt	gttgaagggc	atcccggaga	gcatgcgtgg	540
ggagctctgg	ctgctgctgt	caggtgccat	caatgagaag	gccacacatc	ctgggtacta	600
tgaagaccta	gtggagaagt	ccatggggaa	gtataatctc	gccacggagg	agattgagag	660
ggatttacac	cgctcccttc	cagaacaccc	agcttttcag	aatgaaatgg	gcattgctgc	720
actaaggaga	gtcttaacag	cttatgcttt	tcgaaatccc	aacatagggg	attgccaggc	780
catgaatatt	gtcacttcag	tgctgctgct	ttatgccaaa	gaggaggaag	ctttctgggt	840
gcttggtggc	ttgtgtgagc	gcatgctccc	agattactac	aacaccagag	ttgtgggtgc	900
actggtggac	caaggtgtct	ttgaggagct	agcacgagac	tacgtcccac	agctgtacga	960
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tctcagtgtg	atgccttttg	agagtgcagt	tgtggttggt	gactgtttct	tctatgaagg	1080
aattaaagt	atattccagt	tggccctagc	tgctctggat	gcaaagtgtg	acaaactggt	1140
gaactgcaag	gatgatgggg	aggccatgac	cgttttggga	aggtatttag	acagtgtgac	1200
caataaagac	agcacactgc	ctcccattcc	tcacctccac	tccttgctca	gcgatgatgt	1260
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gacgctggag	gatactacga	aacgcaacgt	ggtacgaacc	attgtgacag	aaacttcctt	1440
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gtcctcatac	tcgggtgctga	gtgccggctc	ccacgaggag	gacaagctgc	actgcgagga	2520
catcggagag	gacacggtcc	tggtgcggag	cggccagggc	acggcggcac	tgccccggag	2580
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agtacctggc	ttgaagccta	gtgttttcat	aatgtaattc	aatgaaaact	gttgagaaaa	2940
tatttaaaca	cctcaatgta	ggtacattac	actcttggtg	cggggagggg	atttaccaga	3000
atacagttta	tttcgtgaat	tctaaaaaac	aaaaagatga	atctgtcagt	gatatgtgtg	3060
tattataact	tattaatctt	gctgttgagc	tgtatacatg	gtttaaaaaa	tagtactgtt	3120

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ttcatagaag	tcctctattc	aaaatcatat	tccacagatg	ttccccttca	aagggaatac	3360
atttgggggt	ctaaacagtt	atgaaagtaa	gtgattttta	catgattcca	gaataacact	3420
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aagaatagta	tgctctatct	cctgaatgga	tgtggaaatg	aaagctagcg	cacctgcact	3900
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ttttttcttc	tgattgttga	attcataatc	atggtctcat	ttcctttgct	tctttggaat	4020
atttctttca	acacattcct	ttattttatt	atacattgtg	tccttttttt	agctattgct	4080
gctgttgttt	tttattctat	ttacaggatg	atttttaaac	tgtcaaatga	agtagtggtta	4140
acctcaaata	ggctaaatgt	gaacaaataa	aatacagcaa	atactcag		4188

<210> 4151

<211> 1615

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1616)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (6)...(460)

<223> similar to gi289757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4151

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acttagaaag	gcttttaact	tatgctgaaa	tcgacatttg	tcccaccaac	tggaagga	180
ttgttctggg	agccattctt	cttgccctca	aggtttggga	cgatcaggct	gtatggaatg	240
tggactactg	ccagatcctc	aaggacatta	cagttgagga	catgaatgaa	atggaaaggc	300
attttctgga	gcttcttcag	tttaatatta	atgttctctg	cagtgtttat	gccaaatact	360
actttgacct	tcgctcctta	gcagatgaca	acaacctgaa	ttttctattt	gctcctctta	420
gcaaagaaag	agcacagaac	ctagaggcta	tttctagatt	gtgtgaagac	aaagacttgt	480
gtagagccgc	tatgagaagg	tctttcagtg	ctgataactt	cattgggtatt	cagcgctcta	540
aagccatcct	ctctttaaag	gagaaatgag	gggttataac	gtcatgggac	cttcactctac	600
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aaaggaaaaga	tctcaaattc	aagagactca	tggacaacaa	ggattatact	ccacaggaaa	720
gaatgggacc	ttgtcaatgc	aacaaaacac	tcttctgtcc	tttttaatgt	aaacagagtt	780
acaaaaacca	ctccaaagtg	aaggctccca	tcctacacac	agatatttgc	ttactgtgtg	840

ggccgatagc	tgtgaactca	tgtaagggttt	tttaaacaaat	agtttaaatt	tttagacttt	900
aaagacacta	accatataac	ttttatgttt	cttccagttt	ctctccctcc	ccccgcattt	960
tgctgcatat	gccttttaaaa	tcaatgcagt	attaccatta	aaacatggga	ctctaactaa	1020
agccacttag	gagcagacag	cagcgttggt	aggtactgaa	gggttcttcc	tccctactgt	1080
taccattgaa	gctgctagtc	attggcaatc	attttaaacc	aaaaagctgc	tggataacat	1140
ttgtcattca	tattctttgc	aagcattact	ttagcatttt	agcatgtttg	gggtcataaa	1200
cagaggaagt	atcagttatt	gatatctact	tctattggag	tccatgttgc	atttcttgtg	1260
aactataaat	ggtgcttctc	atcttctgat	aatttttctc	ttgctaaata	aatgtattaa	1320
aagatatttt	cataatgcca	accaacatgg	tggttcagtg	acgatgagaa	aaagtgaagc	1380
agttttaagc	ttgaatatag	tttgggccct	ccaaggcact	gcagcatgag	tataaatgct	1440
ataaaccttt	aaaaaacatg	atttgaaagt	ttttgtttt	gtttgtttg	ttttaagng	1500
ngggggctat	gccgccncnc	ttgcccaggc	tggagtgcag	tggcttttca	caggtgcaat	1560
cattgtgcac	tcactgcagc	ctagaacttn	ctggtctcaa	gccatcctct	agcct	1615

<210> 4152

<211> 3046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(2852)

<223> similar to gi5456910 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4152

atgttgttct	cctggcgaga	agatcctgga	gcccagtgcc	tgctgcttct	tcttctgctc	60
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catggcacct	tcgtggggccg	catcgcgag	gacctggggc	tggagctggc	ggagctgggtg	180
ccgcgcctgt	tccgggtggc	gtccaaaaga	cacggggacc	ttctggaggt	aaatctgcag	240
aatggcattt	tgtttgtgaa	ttctcggata	gaccgcgagg	aactgtgcgg	gcgagcgcg	300
gagtgcagca	tccacctgga	ggtgatcgtg	gacaggccgc	tgagggtttt	ccatgtggag	360
gtggaagtga	aggacattaa	tgacaacgcg	ccagtttttc	caatggctgt	aaagaatctg	420
tttatttccg	aatcccagca	gcctggctct	cggttttccg	tagagggcgc	atcagatgca	480
gatatcgga	caaattcggt	gttgacttac	agtcttgatt	ccactgaata	ttttacctg	540
gacgttaaaa	gaaatgatga	ggaaaattaa	tcccttggac	tcgtgttgaa	aaaaaattta	600
aatcgagagg	acactcctaa	gcattattta	ctaataacag	caattgatgg	tgggaaacca	660
gagctcactg	gcacgactca	actaaagatc	actgttttag	atgtaaacga	caacgccccca	720
gcgtttgaga	ggacgatcta	taaagtcaga	ttactcgaaa	atgcaccaaa	tggtagcccta	780
gtggtgaccg	ttaacgccac	cgatttggtg	gaaggagtaa	ataaggatat	cgcgtattct	840
ttcaatacgg	acatgtcagc	agatattctg	tcaaaattcc	atttagatcc	agtaaattgga	900
caaatacagt	taaagggtaa	catagatttc	gaggaaagta	agtcatatga	agtccaggta	960
gaagccacgg	ataaaggaaa	tcccccaatg	tcagatcact	gcacagttct	actcgaaatt	1020
gtggacatca	atgataatgt	acctgagtta	gttattcaat	cactatcttt	acctgtatta	1080
gaagactctc	cacttagcac	agtcacgccc	ctgatcagcg	tgtccgaccg	cgactcagga	1140
gtcaatggac	aggtcacctg	ctcgctgacg	ccccacgtcc	ccttcaagct	ggtgtccacc	1200
ttcaagaatt	actactcatt	ggtgctggac	agccctctgg	accgcgagag	cgtgtcggcc	1260
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gtgtccgtgg	aggtggccga	cgtgaacgac	aatgcgccgg	cattctcgca	gtccgagtac	1380
acggtgttcg	tgaaggagaa	caacccgccc	ggctgccaca	tcttcacggt	gtctgcgcga	1440

gacgcggacg	cgcaggagaa	cgcgctggtg	tcctactcgc	tggtggagcg	gcgggtgggc	1500
gagcgcgcgt	tgctcagcta	catttcgggtg	cacgcggaga	gcggcaaggt	gtacgcgctg	1560
cagcgcgtgg	accacgagga	gctagagctg	ctgcagtttc	aggtgagcgc	gcgcgacgcg	1620
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tcaggctaca	acgcgtggct	ttcgtatgag	ctgcagcctg	ggaccggcgg	tgcgcgcatc	1860
ccgtttcgcg	tggggctgta	cacgggagag	atcagcacga	cccgtgccct	ggacgaggtg	1920
gacgccccgc	gccatcgctt	actggtgctg	gtgaaggacc	acggtgaacc	ctcattgacc	1980
gccacggcca	ctgtgctggt	gtcgtggtg	gagagtggcc	aggcacccaa	ggcctcgctc	2040
caggcgtccg	ctggcgccac	gggcccgga	gctgcactgg	tggtgtcaa	cgtgtacttg	2100
atcgtcgcca	tctgcgcggt	gtccagtctg	ttggtgctca	cactgctgct	atatactgct	2160
ctgcggtgct	ccgcgcgcgc	aaccgaaggc	gactgtgggc	cgggcaagcc	cacgctggtg	2220
tgctccagcg	cgggtggggag	ctggtcatac	tcgcagcaga	ggcagcagag	ggtgtgctct	2280
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attagccggg	atagagagga	gaaacaggat	gtggacgttg	atctctcagc	caaaccacga	2400
cagcccaacc	ctgactggcg	ttactctgcc	tccctgagag	caggcatgca	cagctctgtg	2460
cacctagagg	aggctggcat	tctacgggct	ggtccaggag	ggcctgatca	gcagtggcca	2520
acagtatcca	gtgcaacacc	agaaccagag	gcaggagaag	tgccccctcc	agtcggtgcg	2580
ggtgtcaaca	gcaacagctg	gacctttaa	tacggaccag	gcaaccccaa	acaatccggt	2640
cccggtgagt	tgcccgacaa	attcattatc	ccaggatctc	ctgcaatcat	ctccatccgg	2700
caggagccta	ctaacagcca	aattgacaaa	agtgacttca	taaccttcgg	caaaaaggag	2760
gagaccaaga	aaaagaagaa	aaagaagaag	ggttaacaaga	cccaggagaa	aaaagagaaa	2820
gggaacagca	cgactgacaa	cagtgaccag	tgaggtcctc	aaatggaaac	aagccactta	2880
gccagttttt	gtaataatgg	caaattcttc	ccatgtagca	attccctgct	cctttttcct	2940
atctacatga	gccctcttag	agacctcaga	aatctgcaga	aagttccctg	tgtctgtttt	3000
gggacgcatt	taacaggttt	tgctgtaaaa	gctttactaa	gtctgg		3046

<210> 4153

<211> 584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (356)...(174)

<223> similar to gi2062674 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4153

cctttttttt	ttttttaaca	tcgcatggca	gatgggtggt	ggaataatta	ctttctccac	60
aatctatcat	tttaatagtt	tataatagtg	cagttcatgg	aaacatgcc	agtccaacaa	120
aagcacaaca	gattagatta	cagtcagatt	gagaagactg	gtgtgcgttg	gcagatagac	180
gtgctggaca	tgctccacac	gcgacctgca	gacgggacat	gactgtagct	ggcgggcgca	240
gctctcacag	cacacagtgt	ggccacaggg	acagaagggtg	gagttgatct	cctcctcgca	300
gcacaccatg	cacagcatgg	cttccttcag	cttgcttagc	ttctcctgca	gcacccgggt	360
ctgctggcag	ctgaggccct	cgcagctgct	gcagttcatg	ctgctttctg	aggacttcag	420
aggcgagtgt	gaagggtctt	ggttgcttct	tgaaacgagg	tccacaacgc	cagcattgta	480
cagacgcctc	ctggcatggt	catacacctc	ccttgatggt	cttttaatat	caaagacata	540
tttcttgcca	aggttaatgt	tttcattcag	aacagagatg	ccag		584

<210> 4154
 <211> 1833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> similar to gi285995 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 4154
attttttctta agaacacagt catttctgat cttctcatga ttctgacttt tccattcaaa      60
attcttagtg atgccaaact gggaacagga ccactgagaa cttttgtgtg tcaagttacc      120
tccgtcatat tttatttcac aatgtatata agtatttcat tccgtggact gataactatc      180
gatcgctacc agaagaccac caggccattt aaaacatcca accccaaaaa tctcttgagg      240
gctaagattc tctctgttgt catctgggca ttcattgtct tactctcttt gcctaactg      300
attctgacca acaggcagcc gagagacaag aatgtgaaga aatgctcttt ccttaaatca      360
gagttcggtc tagtctggca tgaaatagta aattacatct gtcaagtcac tttctggatt      420
aattttctta ttgttattgt atgttatata ctcattacaa aagaactgta ccggtcatac      480
gtaagaacga ggggtgtagg taaagtcccc aggaaaaagg tgaacgtcaa agttttcatt      540
atcattgctg tattctttat ttgttttgtt cctttccatt ttgcccgaat tccttacacc      600
ctgagccaaa cccgggatgt ctttgactgc actgctgaaa atactctgtt ctatgtgaaa      660
gagagcactc tgtggttaac ttccttaaat gcatgcctgg atccgttcac ctattttttc      720
ctttgcaagt ccttcagaaa ttccttgata agtatgctga agtgccccaa ttctgcaaca      780
tctctgtccc aggacaatag gaaaaaagaa caggatgggt gtgacccaaa tgaagagact      840
ccaatgtaaa caaattaact aaggaaatat ttcaatctct ttgtgttcag aactcgttaa      900
agcaaagcgc taagtaaaaa tattaactga cgaagaagca actaagttaa taataatgac      960
tctaaagaaa cagaagatta caaaagcaat tttcatttac ctttccagta tgaaaagcta     1020
tcttaaaata tagaaaacta atctaaactg tagctgtatt agcagcaaaa caaacgacat     1080
ccaattgtca tgctgcatgc aaaactacac agaattcatg ttttgagag ttttgccaaa     1140
atgagtaata atataatatt tactgtaatt tttaaaatac attatcgttc acaattttat     1200
tttttcataa tcaactaagg aagaacgac aattggatat aatcttctta ccaaaaatga     1260
tagttaaaat gtatatatat cctagtcccc taaccaaact ctgacctatt gggatactta     1320
taaaaattta agtaagtggg atacacaaa aataataact attaaacttt cattattagc     1380
aaaaacctaa gggattttaa ctaattgaaa ctgtatttgt ttggacttaa ttttttatgt     1440
ttatttagaa gataaagatt taaagaagac ctttacaata aagagaagaa atatcgaagt     1500
cattaaaata aggagactta cttttatgac attctaatac taaaaaatat agaaatattt     1560
ccttaattct agagaaacta gttttactaa ttttttacia cttcaataat accatcactg     1620
acacttacct ttattaatta gcttctagaa aatagctgct aattaggtta atgaacattt     1680
taccttagtg aaaaaaatta attaaatatg attacaaagt tgcacagcat aactactgag     1740
aggaaagtga ttgatctgtt tgtaattact tgtttgattt ggtgtgtata aaatacaaaa     1800
tttacattaa actctaaatc attaaaaaaa aaa                                     1833

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<210> 4155

<211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> similar to gil246757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4155

aataaaagaga	accgagaggc	acaaatggct	gccaaactgg	aacgtttgcg	agagacggat	60
aagcacattg	aagaagtgcg	gaagaacaga	gaatccaaag	accctgctga	cgagactgac	120
gctgactagt	tcgttctaga	gaactgactt	tctccccata	cgcttcctaa	atatccacag	180
actgtactgg	ccaatgtcat	attattgttt	ccctgctgac	tgatatttga	gaagctagtg	240
ataggactgc	ataagtagat	ccagatccag	actgtactat	gccgtgccat	gggctaattg	300
ggagaaactg	atagagatta	actctttttc	taaagcgggtg	gtctttctaa	tgtaactatt	360
ttgcttgatg	catcttttct	acttgaggat	catcatctct	ttagntgtta	n	411

<210> 4156
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (232)...(1221)
 <223> similar to gi4567068 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4156

cccacgcgtc	cgcgccgacc	aagatggaga	ctgccgagca	gccttgagcc	gttgagcagc	60
tgaacagagg	ccatgccggg	gcaactccgag	gcctgagacg	accacgcctg	tgccgctgag	120
gaccttcac	agggctccgt	ccacttggcc	cgcttggtcg	tccaatcaca	ctccagtgtc	180
aaccactggc	accagcagc	caagagaggt	gtggcggtgg	cctgggggacg	catggctgag	240
gcaggaacag	gtgagccgtc	ccccagcgtg	gagggcgaa	acgggacgga	gtatgacacg	300
ctgccttccg	acacagtctc	cctcagtgc	tcggactctg	acctcagctt	gcccgggtgg	360
gctgaagtgg	aagcactgtc	cccgatgggg	ctgcctgggg	aggaggattc	aggtcctgat	420
gagccgccct	cacccccgtc	aggcctcctc	ccagccacgg	tgcagccatt	ccatctgaga	480
ggcatgagct	ccaccttctc	ccagcgcagc	cgtgacatct	ttgactgcct	ggagggggcg	540
gccagacggg	ctccatcctc	tgtggccccc	accagcatga	gtgacaacgg	aggcttcaag	600
cggccccctag	cgcctcagg	ccggtctcca	gtggaaggcc	tgggcagggc	ccatcggagc	660

cctgcctcac	caaggggtgcc	tccgggtcccc	gactacgtgg	cacacccccga	gcgctggacc	720
aagtacagcc	tggaagatgt	gaccgaggtc	agcgagcaga	gcaatcaggc	caccgccctg	780
gccttcctgg	gctcccagag	cctggctgcc	cccactgact	gcgtgtcctc	cttcaaccag	840
gacccctcca	gctgtgggga	ggggagggtc	atcttcacca	aaccagtcog	aggggtcgaa	900
gccagacacg	agaggaagag	ggtcctgggg	aaggtgggag	agccaggcag	gggcggcctt	960
gggaatcctg	ccacagacag	gggcgagggc	cctgtggagc	tggcccatct	ggccggggccc	1020
gggagcccag	aggctgagga	gtggggcagc	ccccatggag	gcctgcagga	ggaggaggca	1080
ctgtcagggg	ctgtccacag	tgggtctgtg	ccagggtctc	cgccgggtgga	aactgttggc	1140
ttccatggca	gcaggaagcg	gagtcgagac	cacttccgga	acaagagcag	cagccccgag	1200
gacccaggtg	ctgaggtctg	agagggagat	ggcccagcct	gaccccaactg	gccactgcc	1260
tcctgctgcc	ttcccagtg	ggctgggtcag	ggggcagcct	ggccactgcc	tagctggaat	1320
gggaggaagc	ctgcaggtgg	caccgggtggc	cctgggtgca	gttctgggca	gcatectccc	1380
aagcagagac	cttgctgaag	ctcctggggg	gtgggggtgtg	ggctggaagc	actggtctccc	1440
tggtaggggc	aataaagggt	ttgggtcttt	ctgaa			1475

<210> 4157

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (774)...(656)

<223> similar to gi5817183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4157

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aataggtgga	aagttttaca	ttaagagact	aaagaaatat	aactaaatga	aatgcacgag	120
ccttgactga	atcctgggtc	aaaaacaaat	attttgggga	acatctaattg	tggactagat	180
atcatatgat	actgaataat	gtttaattat	cttcaatgca	atgacattgt	attacataag	240
aaaatgtctt	tatcttagga	gatgtttgat	gaagtattta	ggaatgaagt	gtcctgatgc	300
ctgcaatttc	ctttaaata	tccaacaaaa	aataggtaaa	acaaatacga	caaaagggtta	360
acaattacta	aatccactcc	tctgtgcatg	tgaaattttt	ccatcataaa	aatatgggag	420
aaattcttat	tgagtaagtt	tgtgtttccc	agatctcatg	tcagggtttca	gggcattttc	480
ccaatactca	tgctataaac	tacacagaga	aacttgaaca	gaaaagttaa	gatgtgtaac	540
ccaaagcagg	gttaagtggg	agacatggat	gggctcggcg	tgggtctttct	ggaactgcag	600
tctcttgaac	cactacatat	ggaagactat	aagatataca	caggattgga	ttttacctgc	660
aagtggacag	agccctggag	gagtcgtctg	tcgtacaaag	gacagaaatt	catactctgc	720
ctgctgcaat	gtaattgtac	tctccttcac	tgccctggta	aggccagact	gcaagagaga	780
atccccagcc	ccccacaaa	aacacatgta	aagtcagttt	tcaaaggcat	ccagaaatga	840
aatttcactt	ttaaaatggg	caaatataac	cacaaataga	ccatttttag	agctcaagtt	900
caaattgcaa	ctgccatctt	tgcaccattt	ttttttcttc	aagaatccaa	gc	952

<210> 4158

<211> 1507

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1508)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (6)...(934)
<223> similar to gi484102 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4158

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ccaagtgcag	ggggctgccc	ttctcctcct	tcctcctcct	gcctttccag	aggatcacac	120
gcctcaagct	ggttggtccag	aacatcctga	agagggtaga	agagaggtct	gagcgggagt	180
gcactgcttt	ggatgctcac	aaggagctgg	aaatggtggt	aaaggcatgc	aacgagggcg	240
tcaggaaaaat	gagccgcacg	gaacagatga	tcagcattca	gaagaagatg	gagttcaaga	300
tcaagtcggt	gcccacatc	tcccactccc	gctggctgct	gaagcagggt	gagctgcagc	360
agatgtcagg	ccccaagacc	tcccggaccc	tgaggaccaa	gaagctcttc	cacgaaattt	420
acctcttcct	gttcaacgac	ctgctggtga	tctgccggca	gattccagga	gacaagtacc	480
aggtatttga	ctcagctccg	cggggactgc	tgctgtgga	ggagctggag	gaccagggcc	540
agacgtggc	caacgtgttc	atcctgcggc	tgctggagaa	cgagatgac	cgggaggcca	600
cctacatgct	aaaggcgtcc	tctcagagt	agatgaagcg	ttggatgacc	tcactggccc	660
ccaacaggag	gaccaagttt	gtttcgttca	catccccggt	gctggactgc	ccccaggtcc	720
agtgcgtgca	cccatacgtg	gctcagcagc	cagacgagct	gacgctggag	ctcgccgaca	780
tcctcaacat	cctggacaag	actgacgacg	ggtggatctt	tggcgagcgt	ctgcacgacc	840
aggagagagg	ctggttcccc	agctccatga	ctgaggagat	cttgaatccc	aagatccggt	900
cccagaacct	caaggaatgt	ttccgtgtcc	acaagatgga	tgaccctcag	cgcagccaga	960
acaaggaccg	caggaagctg	ggcagccgga	atcggcaatg	acccccaccc	agggggccag	1020
cgggagcagg	gcctgcatga	gacccccgaca	gaaggtgggg	ggggggcctc	tgggaagcac	1080
aggccagcac	ctccccaggt	ggcaggatct	ggcttggggt	gcccggccct	catccctgcc	1140
cacgcagtga	gtgctcatgt	gtcttgcccc	cttgcttgca	aactggataa	aggggtgccc	1200
agcctctcct	gatgcatttg	taaacaagaa	ggtttcagca	gtattacacc	acctccctca	1260
tgccctccgag	gggggtggaag	ggggtgggca	cactccaggg	ccccccatgc	ccctggcccc	1320
caggggaactg	gaagaggctc	ccaaccacga	aatcgctcag	ccggggaggt	nnnnnggtng	1380
cgcntgcgta	cagctctcta	tnntcaaagn	gncctgcggg	nggggnnnng	gagagagcga	1440
taggagagag	atatcaggcg	tgaagtcgag	gcgcatagag	gacacgagag	agatcatacg	1500
agtgtga						1507

<210> 4159
<211> 1976
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1977)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (118)...(567)

<223> similar to gi3875451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4159

attcgctgtc	tccacgcatg	aggagacgtg	taggggcccgg	gttcggccct	ggtgaactct	60
cacccgagcg	gtttctcttt	ccgggacaac	atggcgccgt	ccacgccgt	cttgacagtc	120
cgaggatcag	aaggactgta	catgggtgaat	ggaccaccac	attttacaga	aagcacagtg	180
tttccaaggg	aatctgggaa	gaattgcaaa	gtctgtatct	ttagtaagga	tgggaccttg	240
tttgccctggg	gcaatggaga	aaaagtaaat	attatcagtg	tcactaacaa	gggactactg	300
cactccttcg	acctcctgaa	ggcagtttgc	cttgaattct	cacccaaaaa	tactgtcctg	360
gcaacgtggc	agccttacac	tacttctaaa	gatggcacag	ctgggatacc	caacctacaa	420
ctttatgatg	tgaaaactgg	gacatgtttg	aaatctttca	tccagaaaaa	aatgcaaaat	480
tggtgtccat	cctggtcaga	agatgaaact	ctttgtgccc	gcaatgttaa	caatgaagtt	540
cacttctttg	aaaacaacaa	ttttagtatg	gaaagattta	tgacataatt	ttattactta	600
ctgtaatcgt	atacagtttc	cattaacttt	tatgacatca	tagggttttc	ctaaatactg	660
ttaatctatt	aatcaataat	tactcttaca	tacatttgca	taattcttta	taagtctgaa	720
ttcagtgaat	atctgtaaca	caaaggtttt	cttttacaat	aactttttat	tatctgggta	780
attgctatta	agacatttga	atatcttttc	ctggaattta	attgctattg	aaattctgtg	840
acacaaattt	tttagatatt	ttatcgtgta	gaattttaaa	cttcagacac	ctagttctag	900
taaccatcag	cttgtggcca	atcttatctc	atccatacat	ctctccagct	accatctctt	960
actaagtga	agcaaatccc	agatatgggt	atacttttat	atacttgtaa	aatatgtaat	1020
tgtaaatatt	tcagagtaga	tttctgaaga	ttggggcctt	tcatttttta	aacttagcca	1080
caaaaccatt	atcaciaaatt	attaaatatg	tgttcaaatt	tctactaatt	gcaaagtgtta	1140
caattttttt	taaaactcgg	gatccaaata	aggtactgca	cattgtgggt	gattgatata	1200
tcttttatgt	ttcttttggt	cctataagtt	cccactctat	ctgttatttt	attcttcata	1260
atttattggt	taagaaacaa	ggttattttg	ctttcacgtt	ttcccatagt	ttgaattttg	1320
cttttgatc	ccatgggtata	atttaacatg	ttcatctgtc	ccctataaat	tgcaagttgg	1380
ctctagagtt	tcagcttcag	gttctttttt	aggtgagtaa	gggtaagact	acattataag	1440
gtgatgttca	cttcttttat	caagaagcac	ataatgtctg	gttgtcttta	attttgtagg	1500
cttagctgac	attaatgttt	catgcctgga	tgcattattt	catcagtggt	tgcaaatgtt	1560
tgatactctg	gttttttctc	cctcacttat	ttttcagctg	tactgcttct	ataaagaaaa	1620
atttcccttt	ctactatttg	gttacctagt	gctgcattta	tatagaaaag	gcgggataaa	1680
tattcttgct	cttatcagtt	ttaataataat	gtattccacc	tctagcaacc	ttcattgtaa	1740
ccaattagct	ttttcccat	tcttgttttt	cgagagtggg	cctcattctt	ttgtccaagc	1800
tgagtgcaat	catggctcac	tgcaatctcg	acttctctgg	ctcaagcaat	tctctgcct	1860
cagcctccca	agtagctggg	actacaggct	tgaccaccat	gcccggctaa	tttttgatta	1920
tttgtagaga	caggatctca	gaattccacc	acgctgngta	gagagcaggc	aatcag	1976

<210> 4160

<211> 403

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(393)

<223> similar to gi758593 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4160
tgaattcccc cgtctccctg accccaatgt ggtcttcccc ccaaccccaa ggcgctggaa      60
cactcagcag gactctacct tggagagacc caagactctg gagtttctgc ctcgcccgcg      120
tccttctgcc aaccggcaac ggctggaccc ttggtggttt gtgtcccca gccatgcccg      180
cagcacctcc ccagccaaca gctccagcac agagacgccc agcaacctgg actcctgctt      240
tgctagcagt agcagcactg tagaggagcg gcctggactt ccagccctgc tcccgttcca      300
ggcagggccg ctgccccga ctgagcggac gctcctggac ctggatgcag aggggcagag      360
tcaggacagc accgtgccgc tgtgcagagc ggaactgaac aca                        403
```

<210> 4161

<211> 1209

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (61)...(244)

<223> similar to gi30009 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4161
attaggcctg ctgttttagtg taataaaaaac ataggcttta aacactgtaa actgtaaaat      60
aatcttttca gggatgttaa attagaagac acctactttg atagagatgt ggagaaggca      120
tttatgaagg ctagctctga actcttcagt cagaaaacaa aggcattctt acttgtatca      180
aatcaaaatg gaaatatgta cacatcttca gtatatgggt cccttgcatc tgttctagca      240
cagtaagtat aaatttcacc tactacttaa ctccccttat ttgggagatg ttgattttct      300
aagaccaaat ctagtgtcaa gcatgttggg ggtagatcac agaaaatttt atcttgaggc      360
tctctaattc gctattgtcc attgacttga aagatgtatg gggtgaggct acagttcttc      420
cagaagtatt tgtaatttc atactggctt tcttggttc tgttttcatg gttttttaat      480
tcttgacctc agtttgaacc ataaatacct ggttgatgaa gtaacttgtt ttgtggcatg      540
actttcacaa gctctgtcat tccccacaag atgaaaactc acatgctgca atattaaaac      600
taagttatat tccctactgc aatattaaca ctttgagtta gatccttaaa actttaagtt      660
agattctact tttacttata gcctaaattt ttattgttac ttttatagct tcccacacgc      720
tgtagctttg gatcagttaa acttctgaac tattgttaca ccctacatag gtactcacct      780
cagcaattag caggaagag aattggagtg ttttcttatg gttctgggtt ggctgccact      840
ctgtactctc ttaaagtcac acaagatgct acaccgggta agtgctgaat ctttcaacaa      900
gaatgtattg agaactgagt ccaggcacag tggctcacac ccgtaatccc agcagtttgg      960
gagggccgag cgggcagatc acctgaggtc aggagtctga gaccagtctg gctaacaatgg      1020
ctgaaacccc atctctacta aaaatacaaa aattagccag gtgaggtggg gcatgcctgt      1080
agtcctagct acttgggagg ctgaagtagg agaatacatt gaatccagga gagggaggtt      1140
gtggtgagcc aagatcacac cactgtgtctc cagcctgggt gacagagcga gactctgtca      1200
aaaaaaaaa                                     1209
```

<210> 4162
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(525)
 <223> similar to gi3875032 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4162

caggattcgt	gtatttaact	attattat	tttggcctcacat	caccagactg	atgcttatag	60
ccttcttttc	agtggcatgc	tattttgccg	tttgacacct	cctttatgtc	ttaatttctt	120
gggtttgacc	catatggatt	catctatctc	tcacaagaat	actcaaccaa	ctgcttatac	180
atctattatg	ggttccatga	aagttttatc	ctttattgca	gatggattct	atatatatta	240
tcctatgttg	gtggtaatc	tctgcattgc	tacttatttt	agtttgggaa	cccgttggtt	300
gaatctgctc	ggtttccagc	agtttatggg	agatgatgat	atgacatcag	acttagttaa	360
tgaaggaaaa	gaattaatca	gaaaagagaa	gagaaaaagg	caaaggcaag	aagaaggtga	420
aaatcgaaga	agagaatgga	aagaacgtta	tggacacaat	agagaagatt	ccactaggaa	480
cagaaatatt	catactgacc	caaagagtc	aaacttctca	gatgttaata	ccaaccgttc	540
tgcattcaaa	tataccaggg	ctaataacag	gactgaaagg	gaccggatag	aacttctcca	600
agatgcagaa	cctttggatt	ttaatgcaga	aacattcact	gatgatcctc	ttgaatctga	660
atcaggaagg	tatcagcctg	gtggacgata	tctctcgatg	tctcgcagtg	acatattt	718

<210> 4163
 <211> 1382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1383)...(694)
 <223> similar to gi5305403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4163

aagattgagg	cccaatttaa	ccccttttta	caaactgtgt	ccttgggcag	atTTTTTTgt	60
ttcatagggg	gaaagccct	gttcctcca	gcccccgagg	gtaaggggcc	cgccagttgt	120
taccccccca	aaaaattaaa	aaaccttttg	tttttttttc	aagggttttc	tttttccaaa	180
gtatccccct	taaataagaa	gcctttgagg	gtccaaggat	ccaacggggt	tttttttttt	240
tttctcagct	tgaagagg	ctggaaatgg	gatgcagggt	aggttcaaag	cttaaccttt	300
gtaacaactg	gacacaaggt	tcctcagaat	tgtcaaaagt	ctcttgtagc	acatcctaca	360

acctttttctc	aataaacaac	aatatatgaa	ataattacca	aaacatctcc	taattcatat	420
aattttacatg	atataagctt	gcttgataac	agctgggtgtt	cagtcgtgaa	aaaacacaca	480
aagtaaaatg	gttgctgact	acaatgtaca	gctattgctg	gggtgtgatgg	aatgtacaaa	540
cggaggtcga	tgtagacgag	ttttttccac	cagagatatt	gcctttccat	gcagcacttg	600
tgctctcagc	tttaacttgg	cttttggttc	ttcctttatc	ttcagtatct	gttctgatgc	660
tcataatgcc	accgattaata	atctatatta	aaagctacaa	tgctaccaga	agccatgcc	720
gtgatcagag	tcctctggtc	atgggacaag	tccattgctc	taatgccagc	atcacatcca	780
gggtaaatgt	acagttgctt	gaagtcacag	gcctgccaga	cctctactac	cccattgtcc	840
cctccggtga	ccaggttctg	gccgtcactg	ctcaggagaa	tggtccgtgt	tgaatcattg	900
atctccattt	gagccaaaag	tttccatta	atgctgaaat	tactgaatcg	ccctcgttca	960
tagtatatga	tacagtggcc	ttcgctggag	acagatatca	agcgtgggaa	taagcagttt	1020
tctggtcctt	caagggctct	cagcaaactc	ccagtgtatg	tgtggacaag	gcaagggccc	1080
tctttagcac	cactgataac	aagcccaagt	tctgcacaga	cagaaacaca	gacaacttca	1140
tggtcatggc	ctgtgaggac	ggctcttggt	gccggatagt	cactgctgtt	agggttgtct	1200
cctatgatat	gggtgccgcc	actccagtac	cagagcagca	gggtggcatc	tcgagatccg	1260
gacacgatgt	agcagtcgcc	accaatgtat	gactcggacc	tggtccaagca	agtgaccaca	1320
tcccaatggc	caaatacaat	ctgagtcaat	ttcctgtttt	ctgtagaata	aactctgaag	1380
ct						1382

<210> 4164

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(671)

<223> similar to gil77872 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4164

gcattctgccg	gcttctcttc	tactcaggat	actgtagtgtg	ctctccaagc	tcttgccaaa	60
tatgccacta	ccgtttacgt	gccatctgag	gagatcaacc	tggttgtaaa	atccactgag	120
aatttccagc	gcacattcaa	catacagtca	gttaacagat	tggtatttca	gcaggatacc	180
ctgccccaatg	tccttggaa	gtacacgttg	gaggcctcag	gccagggctg	tgtctatgtg	240
cagacgggtgt	tgagatacaa	tattctccct	cccacaaata	tgaagacctt	tagtcttagt	300
gtggaaatag	gaaaagctag	atgtgagcag	ccgacttcac	ctcgatcctt	gactctcact	360
attcacacca	gttatgtggg	gagccgtagc	tcttccaata	tggtctattgt	ggaagtgaag	420
atgctatctg	ggttcagtc	catggaggggc	accaatcagt	tacttctcca	gcaaccctg	480
gtgaagaagg	ttgaatttgg	aactgacaca	cttaacattt	acttggatga	gctcattaag	540
aacactcaga	cttacacctt	caccattagc	caaagtgtgc	tggtcaccaa	cttgaaacca	600
gcaaccatca	aggtctatga	ctactacctt	ccagatgaac	aggcaacaat	tcagtattct	660
gatccctgtg	aatgaggata	ggagctggaa	actcaattag	tcctctgtga	cattactgga	720
gggtggaaca	ttcttctgtc	gcttgaagca	gaactcattc	aatcaaataa	tttaattt	778

<210> 4165

<211> 370
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(348)
 <223> similar to gill127843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4165

cactgggggaa	aaaccgtatg	aatgtaatca	gtgtgggaaa	tccttcagcc	agagttatgt	60
tcttggtgta	catcagagaa	ctcatactgg	agaaaagccc	tatgaatgca	gtcaatgtgg	120
gaagtccttc	agacagagtt	catgccttac	tcaacatcag	agaactcata	ctggagagaa	180
accatttgaa	tgtaatcagt	gtggaaaaac	atttagcttg	agtgtctcgac	ttattgtgca	240
tcaaagaact	catactggag	agaaaccctt	tacatgtatt	cagtggggaa	aagctttcat	300
taatagctat	aaacttatta	ggcatcaggc	aactcatact	gaagagaaac	tctatgaatg	360
taactagttt						370

<210> 4166
 <211> 1681
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1680)...(251)
 <223> similar to gi4490304 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4166

tttttttttt	ttgggctaga	ggtttgggct	ttaatggcag	ctggggtaaa	aggaaacaaa	60
aacagtaatt	ctgaagagca	cagggaaacag	gcagccagga	ccagcctggc	ccattccagg	120
ccagctgagc	tgaaatgctg	attctgtcca	gggggctgct	gtatgtgtag	actggtggca	180
gtcttgggga	ctgaggcctc	ttggagagaa	gggaagactg	tcggctcaga	agtccatgga	240
gctgtggggc	aggtagtctt	tgcgaccgat	gttgtgacc	tgcttgggtc	gcatagcctc	300
gagtttgggg	cagtcagtga	tccgatgacc	caggcccccg	cagaaggcac	agccgcgctc	360
tcctccaatg	tccagcatgg	actcatcccc	gcaatgcagc	acctgcagca	cgggcggcac	420
cttctgcttg	gcttctagca	gcagcgcttt	gaggtccatc	agcactgact	catcacacgc	480
tttggtgatg	aaggtagtgg	cgatgcctgt	gtttcccagag	cgcccgggtg	ggccaatccg	540
gtgtacatag	ttctcaatct	cctctggcat	gtcataattg	atgacgtgct	ggatggcagg	600
gaagtccagg	cccttgagg	caacgtctgt	ggctactagg	acatccttct	tgccctcccg	660
gaatgcctcg	atggccttag	tccgttctct	ctgggtcttg	cccccatgga	tggttacggc	720
ctcaaccccc	ttgagcagca	ggtactcgtg	gatggcgctc	acgtctgcct	tcttctctgc	780
aaagatgagt	acaggcgggg	gtgtcttctg	caggcactcg	agcaggtaca	ccatcttggc	840
ctcctccttc	acatattcta	cctcctggat	gacatccagg	ctggcagccc	cagcgcgccc	900
cacattgatg	gtcacaggct	ttacaagggc	actcttagca	aagttctgaa	tcttcttcgg	960

catggtggca	ctgaagagca	gggtctgtcg	ctggcccttg	aagtaggaga	agatggtacg	1020
gatgtcacc	tcgaagccca	tgctgatcat	gcggtcagcc	tcgtccaggg	ccaggtagcg	1080
acagatgtct	aggctgacca	tcttcttctg	cagcaaattcc	atgaggcgcc	ccggggtggc	1140
caccatcatg	tgtacaccgt	gtcggatggt	ctccatctgc	tctttcacgg	acatgcccc	1200
aatgcagagg	gcgcagcgca	ggagtgggtga	gctgtcctcc	tcgacgagc	ggcagtagta	1260
ctccaggatg	ccatgggtct	gccgggccag	ctcccgcgag	gggcagatga	tgagtcata	1320
gggcccctcg	cgctttgaga	agggtaacct	cttctcttgt	tccaggcaga	acatgatgac	1380
gggcaacgtg	aacaccagtg	tcttgctga	acccgtgaaa	gcgatgccta	tcatgtcacg	1440
gccagataga	atggtgggga	tgccctggat	ctgaatgggt	gttgggtggt	gaatgccttt	1500
cttcttcagg	cctctcagga	tggctgcagg	aaacttcatt	tccttgaagc	tcttgatggg	1560
tggtgggata	ccgtctccct	ccaccaggat	gtggattttc	ttccgcacgc	gctcatgtcg	1620
ctcttcagac	atgctcagaa	cataacgggg	tggagtccag	ctggttttga	tggggtcac	1680
a						1681

<210> 4167

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(376)

<223> similar to gi3800830 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4167

atcgagacca	cccagcccag	tgaggacacg	aatgccaaca	gtcaggacaa	cagcatgcaa	60
cctgagacaa	gcagccagca	gcagctcctg	agccccacgc	tgctcgatcg	aggaggaagt	120
cggcaagatg	cagccgacgc	agggaaaccc	cagaggaaat	ttgggcagtg	gcgtctgccc	180
tcagcccaaa	aaccaataag	ccattcagtg	tcctcagtc	acttacggtt	tggaggaagg	240
acaaccatga	aatctgtcgt	gtgcaaaatg	aaccccatga	ctgacgcggc	ttcctgcggt	300
tctgaagtta	agaagtgggt	gacccggcag	ctgactgtgg	agagcgacga	aagtggggat	360
gaccttctgg	atatttaggt	ggatgtcaat	gtagatgaat	ttctagtggg	ggaaaccggt	420
ttctaataat	gtccttgatt	gtccagtgag	caatctgtaa	ttgatctata	actgaattcc	480
agcttgtcac	aagatgttta	taaattgatt	ttcatcctgc	cacagaaagg	cataagctgc	540
atgtatgatg	ggttactatc	aatcattgct	caaaaaaatt	tttgataat	gacagtactg	600
ataatattag	aatgatacc	g				621

<210> 4168

<211> 1282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (215)...(846)

<223> similar to gi486509 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4168
aggggagcgc acgcggaaga tgactcaggg cccactttga acctcctggg tacttgagca      60
agctcaaggg tgctcgacc tctagggaga cgttgcatca cgcagtttgg aaagaacttg      120
ggaattctcc ctgggggggct cgctgtatct actgggaact agtcttgag gaaggcttat      180
gtacagaagt acgtcgtgaa gaattatttc tactattacc tatcaatttt cagctgcttt      240
gggccaagaa gtgttctaca tcacgtttct tccattcact cactggaata ttgaccctta      300
tttatccaga agattgatca tcatatgggt tttgggtgat tatattggcc aagtggccaa      360
ggatgtcttg aagtggcccc gtccctcctc ccctccagtt gtaaaactgg aaaagagact      420
gatcgtgtaa tatggaatgc catccacca cgccatggcg gccactgcca ttgccttcac      480
cctccttatc tctactatgg acagatacca gtatccattt gtgttgggac tggatgatggc      540
cgtgggtgtt tccaccttgg tgtgtctcag caggctctac actgggatgc atacggtcct      600
ggatgtgctg ggtggcgctc tgatcacgcg actcctcctc gtcctcacct accctgcctg      660
gaccttcctc gactgcctgg actcggccag cccctccttc cccgtgtgtg tcatagttgt      720
gccattcttc ctgtgttaca attaccctgt ttctgattac tacagcccaa cccgggaggga      780
caccaccacc attctggctg ccggggctgg agtgaccata ggattctgga tcaaccattt      840
cttcagctt gtatccaagc ccgctgaatc tctccctgtt attcagaaca tcccaccgct      900
caccacctac atgttagttt tgggtctgac caaatttgca gtgggaattg tgttgatcct      960
cttggttcgt cagcttgtag aaaatctctc actgcaagta ttatactcat ggttcaaggt     1020
ggtcaccagg aacaaggagg ccaggcggag actggagatt gaagtgcctt acaagtttgt     1080
tacctacaca tctgttggca tcggcacaaa ggtttagcgc cagatgccaa cagatgtgta     1140
ggtaaccttt gtgccgatgc ttcacagggt tctgggatta ccctgagtct caaacagttg     1200
gaaactagcc cactggacat gaaagccaag acataggaaa gttattggta ggcaaattct     1260
gacaacttat ttttctttaa ca                                     1282

```

<210> 4169
<211> 2207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(2208)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(1612)
<223> similar to gi5689453 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4169
cgaagcatct gcacttttgt atcttttgat gagaaacagc tttgagtata ccaaaaggaa      60
accctttttg aggacacatc tacagataat aattgctgta agccaactga tagctgatgt      120
agcactaagc ggaggatcaa gatttcagga gtctttattc attatcaata attttgcaaa      180

```

tagtgacaga	cctatgaagg	caactgcctt	tcccgcagaa	gtcaaagact	tgaccaagag	240
aatccgcact	gttcttatgg	ccactgcccc	aatgaaggag	catgagaaag	accctgaaat	300
gctaattgat	ctccagtata	gcttagccaa	gtcctatgca	agcacccccag	agctcaggaa	360
aacctggcct	gatagcatgg	ccaagattca	tgtaaaaaat	ggagattttt	cagaggctgc	420
gatgtgttat	gtccatgtag	cagctctagt	tgcagagttt	cttcacgaa	aaaaattatt	480
tcctaacgga	tgttcagcgt	tcaagaaaaat	tactcccaat	atagatgaag	aaggagcaat	540
gaaagaagat	gctgggatga	tggatgtcca	ttatagtga	gaggtcttgc	tggagtgtgc	600
agaacaatgt	gtggatggct	tatggaaggc	agaacgttat	gaaataattt	ctgagatttc	660
caagttgatc	gttccaattt	atgagaaacg	tcgtgagttt	gagaaactta	ctcaagttta	720
tagaactctt	catggagcct	acacaaaaat	tctggaagtt	atgcatacaa	aaaagagact	780
tttaggcact	ttcttcagag	ttgcctttta	tggccaatct	ttttttgaag	aagaagatgg	840
aaaggagtac	atctataaag	aaccaaagct	cactggcctc	tcagaaattt	ccttgagact	900
tgtaaactt	tatggtgaaa	agtttggtac	ggagaatgtc	aaaataattc	aggattcaga	960
caaggtaa	gccaaagagc	ttgatccaaa	atatgtcat	atacaagtta	cttatgtgaa	1020
gccttacttt	gatgacaaag	aactcacaga	aaggaagacc	gagtttgaaa	gaaatcataa	1080
tatcagcaga	tttgtttttg	aggcccctta	cactttatca	ggcaaaaaac	agggctgtat	1140
agaagaacag	tgcaaacgcc	gtacaatctt	gacaacttca	aactcgtttc	cttacgtgaa	1200
gaagaggatt	cctattaact	gtgaacagca	gattaattta	aaaccaattg	atgttgccac	1260
tgatgaaata	aaagataaaa	ctgcagagct	gcaaaagcct	tgctcctcta	ctgacgtgga	1320
catgattcag	ctccaactta	aattgcaggg	ctgtgtttct	gtgcagggtca	atgctgggtcc	1380
attagcatat	gcaagagcct	tcttaaata	cagccaagct	agcaagtatc	cacctaagaa	1440
agtgagttag	ttgaaagaca	tgtttaggaa	atttatacaa	gcatgcagca	ttgcacttga	1500
actaaatgag	cggctaatta	aagaagatca	agttgagtac	catgaagggc	taaagtcaaa	1560
tttcagagac	atggtaaaa	aattatctga	cattatccat	gagcagatat	tacaagaaga	1620
cacaatgcat	tctccctgga	tgagcaacac	attacatgta	ttttgtgcaa	ttagtgttac	1680
atcaagtgc	cgagggttatg	gttccccaa	atagctgaa	gtgtgaggaa	atgcagatgt	1740
acgtgacaat	gagactgacc	tttctcagga	atatttgag	ctgtgcaaat	gttaaaattt	1800
aaagatttga	tatacatgga	gtgtttcttc	tcgacaccaa	aattttcatg	tgttccaaca	1860
gggtgcttac	atatattgtaa	ataagcaact	tgaaagtgcc	tggaaaattg	caccactgtg	1920
cttggtttgt	acttttttag	gtaaatctat	atgctgaaaa	gtagagctca	aaaacagtag	1980
ttcaatttgc	ttaattattg	cttaaaataa	tggtactatg	taaaattgta	taatggaata	2040
caataaaagg	taaaacttat	ttgtaattag	aagtgaagaa	aataatactt	tgaacttagc	2100
atttttcttg	acaagaagct	caattcatta	tcatacta	ccttggtagg	aggagaggaa	2160
aattgataac	atttccgtaa	tacacggata	tttaaaattg	gngagat		2207

<210> 4170

<211> 1707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1197)

<223> similar to gi2852640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4170

ccgggaacgg	gcggtgggga	gcgggcggag	ctggccctgc	ctctgcctgg	ccggcgccgc	60
agtcggcgcg	ggccgcgccc	gccgcgcgca	actgccttga	gcgcttgctg	aggccgaggg	120
agacgtcggg	gcctgcacct	ggagggagcc	tgccgcgctg	gccccgagga	gggggcgttg	180

ccatggcgac	agcctctccc	gctgctgacg	gggggcgggg	gcggccctgg	gaaggaggggc	240
tggtctcctg	gcccccgcc	cctccccctta	ctctccccctg	gacttggatg	ggccccgagtt	300
gggggcaaca	ccccgggcat	tggggctttc	cagctctcac	agaaccttca	gcacccccag	360
ctgccggtct	tggcatcttc	gaagtaagga	gagttttaga	tgcttctgga	tgttcaatgc	420
tagcaccttt	acagactgga	gcagctcgat	tttcttcgta	tttactttca	agagcaagaa	480
aagtgtctggg	ctcccactta	ttttctccct	gtggtgttcc	ggagttctgc	tccatatcca	540
ccagaaagct	ggcggccccc	ggctttggcg	catccatggc	ggcaatggtg	tccttccttc	600
cccagaggta	tcactacttt	ttagtgctgg	actttgaggc	cacgtgcgac	aagccacaga	660
ttcatcctca	ggaaatcatc	gagttcccca	tcctaaagct	aaatggccgg	accatggaga	720
ttgagtctac	ctttcacatg	tatgtccagc	ctgtagtcca	tccacagctt	acccattct	780
gtacagagct	caccgggatt	attcaagcca	tgggtggatg	tcagccaagc	ctgcagcaag	840
tgctggagag	ggtcgatgaa	tggatggcga	aggaaggcct	cttagatcca	aacgtcaagt	900
caatttttgt	cacctgtgga	gactgggact	taaaagtcac	gctcccaggc	cagtgccagt	960
acttgggctt	gccagtggcg	gattacttca	agcagtggat	taatctgaaa	aaggcttaca	1020
gcttcgccat	gggctgctgg	cccaagaatg	gacttctaga	catgaacaag	ggcctcagcc	1080
tgcaacacat	aggccggccc	cacagcggca	ttgacgactg	caagaacatt	gccaacatca	1140
tgaagacact	cgcctatcga	ggcttcatct	tcaagcagac	atcgaagccg	ttctgattgg	1200
ccgaggacag	gatggggcag	gacagggtag	ctgtttggcc	cagcccagaa	tcctcctctc	1260
cctcaccaga	ggggaagagg	gagagtggca	tagctctgtg	tccagagtgt	ccccaaagcc	1320
ttccctgtgg	ggctcatgcc	ccttggccgt	gggctttgtt	gccctttgca	aggggctttg	1380
gccacttggc	cctttctgga	agcaagacac	ttttgtgccc	ccccatcccc	caccctcaa	1440
tctcagccca	gtatcagccc	ctccattgc	gggcctgggc	taagggggac	cccaggcact	1500
caccgcctcc	tcccctggta	caacaggctt	ctgtggggcc	accaagacc	tcgctgtgcc	1560
ccctcccatc	cataagtgca	tggtgtgtgg	tcgcccagg	gctccaggac	agatcaggcc	1620
ccacctgtg	tctaccccca	tccccgctgt	gaacgtgcc	ctgaataaag	tcggggaaac	1680
gaggcactgg	gtgtgtgtgc	aaagcca				1707

<210> 4171

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (53)...(317)

<223> similar to gi3875142 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4171

agcagcgca	ggtgctgcgg	cgtgcgtat	aagtatcaat	cagccggttg	cttttgtgag	60
aagggttct	tggactgcgg	cgtcgagtca	gctgaaagaa	cactttgcac	agttcggcca	120
tgtagaagg	tgcattttac	cttttgacaa	ggagactggc	tttcacagag	gtttgggttg	180
ggttcagttt	tgttcacaag	aaggacttcg	gaatgcacta	caacaggaaa	atcatattat	240
agatggagta	aagggtccagg	ttcacactac	aaggcccata	cttccgcaaa	catctgacga	300
tgagaagaaa	gattcttgag	actgcagcct	attaataaag	ttatatacct	g	351

<210> 4172
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(224)
 <223> similar to gil438971 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4172

taacgatcgc	ttctctgctt	gctacttcac	cttgaaactc	aaggaagcag	ctgttagaca	60
gcgtgaagcc	ctaaagaagc	ttaccaagaa	tatagccact	gactcatata	tcagtgttaa	120
cttgagagat	gtctatgccc	ggagtatcat	ggagatgctg	cgactgaaag	gcagagaaaag	180
agcaagtact	aggagcagcg	ggggagatga	tttctggttt	tgaattaatt	ttcaatttat	240
ttacaaaagc	tatgtacaat	taactaaaat	gataaagcag	tgatgtggat	ttctgtattc	300
tgatgatgag	tctcttcaga	gtactgctca	tcttaattaa	tttttgctga	tatattgctt	360
catctactag	aatatttcac	atcacctata	acaactgcac	agtgttctga	cacatttgag	420
tgtccaaaat	agccaattaa	cacaaccaa	tacaactggg	catgtatt		468

<210> 4173
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(449)
 <223> similar to gil332522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4173

aactagtaga	atatgatatg	cttcgggaga	tgttcagtga	ttctagaagt	aacaatgatg	60
atgatgagga	tgaggatgat	gaagatgagg	atgaggatga	ggatgaggat	gaagatgaag	120
acaaagaaga	ggaggaggaa	gattgttctg	aagagtatct	ggaaaggcag	ctgcaggccg	180
agtttattga	atctggccag	tatagggcaa	atgaaggtag	cagttcaata	gtcatggaaa	240
ttcagaagca	gattgagaaa	aaggagaaaa	agctccataa	gattcagaat	aaagcacaaa	300
gacagaagga	tctcatcatg	aaagtggaaa	acctgacact	caagaatcat	tttcagtctg	360
tgctggagca	gcttgagtta	caggaaaaac	aaaaaaatga	gaagctcatt	tccctacagg	420
aacagttgca	gcgttttctg	agaagttag	gagagccatt	ggcgtggccc	acaaaccttg	480
gattcaccat	ccagactgca	gattggatga	aactgtgcac	gtttttgtcc	cttcagttgc	540
cttatgttga	atcagttata	tttatctgta	ccttctttgc	tacttaaaat	atgctcacag	600
tttgtagtca	tgtagaaaag	gccagtataa	aaatgtagta	gacttaaaga	ccccactcga	660
ccatgagact	ttctctttgt	caatttgagg	attattatta	ttaatttaga	aatgggggtct	720
tgttatgttg	cccaggctga	attcagactc	ctggggcttaa	gggatccttc	cgcctcagcc	780
tc						782

<210> 4174
 <211> 318
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(319)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (318)...(121)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4174
 gtttttttatt aggcggaatc cagaggctca aggccttca taatatcccc cagtttagta 60
 gttggactta gggaacaaag gaacctttaa tagaaattgg acagcatgaa agcgagctta 120
 gtgatacttg tgggccaggg cattagccac accagccacc actttctgat aggcagcctg 180
 cactgggtgg gtgaattctt tgccaaagt atgggccagc acacagacca tcacgttgcc 240
 caggagcctg aagttctcag gatccacgtg cagcttgta cagtgcagct tactcagtgg 300
 ggcaaagggtg cccttgan 318

<210> 4175
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(456)
 <223> similar to gi3341863 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4175
 cccacccac acctgctgcc caccaccccg gcagcacctt tccctgcccc ggcttcagag 60
 tgccctgttg ctgctgccac tgccccccac actccagggc catgtcagag ctcccatcta 120
 ccctccacca gcatgccgct cctgaagatg cccccacat tctcgggggtg cagccacccc 180
 tgcagcgggc actgtggtgg gcactgcagt gggcctctcc tcccacccc gagctctcag 240
 ccactcccta gcactcacag ggatccccgg tgcaaggggc acaagtttgc acacagtggc 300
 ctggcttgcc agctgcccc ggcctgcgag gcatatgagg ggctgggtga ggaagaggat 360

agcagctctg	agcgaagctc	ctgcacctca	tcctccaccc	accagagaga	tgggaagttc	420
tgtgactgct	gctactgtga	gttcttcggc	cacaatgcgg	caaaaggaaa	ggaaatggca	480
cagagaaagc	tatgattctg	atgagtatgt	atacgtgtgt	aatcccacag	aagtgaacgc	540
ttgtgagtga	tgaaggcaga	gtggaagcaa	aaaggctctc	agtcccccaa	gtgtgacagc	600
cg						602

<210> 4176
 <211> 219
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (205)...(73)
 <223> similar to gi4140696 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4176						
gacttttata	gtcctggagg	cgatctgtga	tatgtgttag	tgggacttga	ggataaaggt	60
atacactcag	tactgtcgaa	gctgacgtga	ttgtttatgc	acagcattca	caaaggcgcc	120
cacatgttct	gggtctatgt	gaggataaag	gccatggtcc	atgttggcta	tgtatcgatg	180
tgggccatag	tccatcagca	tgtgtgtcga	cacgaacgt			219

<210> 4177
 <211> 334
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (336)...(134)
 <223> similar to gi344422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4177						
ctgagaatag	aggttttgga	ttacgcataa	tccacatgct	caaggccctt	cataatatcc	60
cccagtttaa	tatgtggact	tatggaacaa	aggaaacctt	actagaaatt	ggacagcacg	120
aaagctatct	taatgatact	tgagggccag	ggcattaacc	acaccagcca	ccactttctg	180
ataggcagtc	tgactgggtg	gggtgaattc	tttgccaaag	cgaagggcca	gcacacagac	240
cagcacgttg	cccaggagcc	tgactttctc	aggatccacg	tcagcttgtg	cacagtgcag	300
ctcactcagt	gtggcaaagg	tgcccttgaa	gctg			334

<210> 4178
 <211> 2736
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (117)...(1029)
 <223> similar to gi4589624 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4178
 acaagcctgt gagcaagcac aagcgggatg agttggtgag agccattgaa tcacccttgt 60
 agaccctgaa ctatcctgca gagaacagct tcaatcacgc tccttacacg gcttgtgatt 120
 tcatagaagg gatctaccga acagaaaggg acaaagggac attgtatgag ctcaccttca 180
 aaggggacca caaacatgaa ttcaaacggc tcactcttatt tcgaccattc ggccccatca 240
 tgaaagttaa aaatgaaaag ctcaacatgg ccaacacgct tatcaatgtt atcgtgcctc 300
 tagcaaaaag ggtggacaag ttccggcagt tcatgcagaa tttcaggag atgtgcattg 360
 agcaggatgg gagagtccat ctactgttg tttactttgg gaaagaagaa ataaatgaag 420
 tcaaaggaat acttgaaaac acttccaaag ctgccaaact caggaacttt accttcattc 480
 agctgaatgg agaattttct cggggaaagg gacttgatgt tggagccgc ttctggaagg 540
 gaagcaacgt ccttctcttt ttctgtgatg tggacatcta cttcacatct gaattcctca 600
 atacgtgtag gctgaataca cagccagggg agaaggtatt ttatccagtt cttttcagtc 660
 agtacaatcc tggcataata tacggccacc atgatgcagt cctcccttg gaacagcagc 720
 tggtcataaa gaaggaaact ggattttgga gagactttgg atttgggatg acgtgtcagt 780
 atcggtcaga cttcatcaat ataggtgggt ttgatctgga catcaaaggc tggggcggag 840
 aggatgtgca cctttatcgc aagtatctcc acagcaacct catagtggta cggagcctg 900
 tgcgaggact cttccacctc tggcatgaga agcgtgcat ggacgagctg acccccagc 960
 agtacaagat gtgcatgcag tccaaggcca tgaacgaggc atcccacggc cagctgggca 1020
 tgctggtgtt caggcacgag atagaggctc accttcgcaa acagaaacag aagacaagta 1080
 gcaaaaaaac atgaactccc agagaaggat tgtgggagac actttttctt tccttttgca 1140
 attactgaaa gtggctgcaa cagagaaaag acttccataa aggacgacaa aagaattgga 1200
 ctgatgggtc agagatgaga aagcctccga tttctctctg ttgggctttt tacaacagaa 1260
 atcaaaatct ccgctttgcc tgcaaaagta acccagttgc accctgtgaa gtgtctgaca 1320
 aaggcagaat gcttgtgaga ttataagcct aatggtgtgg aggtctttga tgggtgtttac 1380
 aatacactga gacctgtgtt tttgtgtgct cattgaaata ttcattgatt aagagcagtt 1440
 ttgtaaaaaa ttcattagca tgaaaggcaa gcatatttct cctcatatga atgagcctat 1500
 cagcagggtc ctagtttcta ggaatgctaa aatatcagaa ggcaggagag gagataggct 1560
 tattatgata ctagtgagta cattaagtaa aataaaatgg accagaaaag aaaagaaacc 1620
 ataaatatcg tgtcatattt tccccagat taaccaaaaa taatctgctt atcttttttg 1680
 ttgtcctttt aactgtctcc gtttttttct tttattttaa aatgcacttt tttcccttg 1740
 tgagttatag tctgcttatt taattaccac tttgcaagcc ttacaagaga gcacaagttg 1800
 gcctacattt ttatatTTTT taagaagata ctttgagatg cattatgaga actttcagtt 1860
 caaagcatca aattgatgcc atatccaagg acatgccaaa tgctgattct gtcaggcact 1920
 gaatgtcagg cattgagaca tagggaagga atgggtttgta ctaatacaga cgtacagata 1980
 ctttctctga agagtatttt cgaagaggag caactgaaca ctggaggaaa agaaaatgac 2040
 actttctgct ttacagaaaa ggaaactcat tcagactggt gatatcgtga tgtacctaaa 2100
 agtcagaaac cacattttct cctcagaagt agggaccgct ttcttacctg tttaaataaa 2160
 ccaaagtata ccgtgtgaac caaacaatct cttttcaaaa cagggtgctc ctcctggctt 2220
 ctggcttcca taagaagaaa tggagaaaaa tatatatata tatatatata ttgtgaaaga 2280
 tcaatccatc tgccagaatc tagtgggatg gaagtttttg ctacatgtta tccacccag 2340

gccaggtgga	agtaactgaa	ttatTTTTTT	aattaagcag	ttctactcga	tcaccaagat	2400
gcttctgaaa	attgcatttt	attaccattt	caaactattt	tttaaaaaata	aatacagtta	2460
acatagagtg	gtttcttcat	tcatgtgaaa	attattagcc	agcaccagat	gcatgagcta	2520
attatctctt	tgagtccttg	cttctgtttg	ctcacagtaa	actcattggt	taaaagcttc	2580
aagaacattc	aagctgttgg	tgtgttaaaa	aatgcattgt	attgatttgt	actggtagtt	2640
tatgaaattt	aattaaaaca	caggccatga	atggaagggtg	gtattgcaca	gctaataaaa	2700
tatgatttgt	ggatatgaaa	aaaaaaaaaa	agggggg			2736

<210> 4179
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(173)
 <223> similar to gi4826478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4179						
ctccccaggt	ccagcctccc	ccagcccagt	ctctttgagt	aaccctgcac	gggtggacct	60
gggggctgcc	acagcagagg	gaggagcccc	tgaggctatc	agtgggggtcc	ccactcccc	120
agctatcccc	cctcagcccc	gccccaggag	ccttgccctca	gagaccaact	gagtggctgg	180
tttctcccta	agcagccctc	agcaccctct	ccctccccac	ctggccctcc	caggacagct	240
ctcgcccccc	acaaaggggc	atgggcctcc	agcctttgcc	cacaagtgcc	tcagtgccca	300
ctgggtcggc	ccccatggcc	aggagggctc	aggacaatcc	tctatttcct	gaccttttcc	360
tcgtccaccc	tgggcttggg	gaccccccca	ccggactctc	cactctccgg	caggctcctag	420
gggagccacc	ggaaggaagg	agaggtttgc	ctgctcctac	gggactgatt	cttctcttgc	480
cgacatgttt	tttgttaaggc	tggtaaataa	attatTTTtg	acaaaactgg	agcagctgcc	540
caaatgatag	ttttattttc	tgtccttgaa	ataaagaagc	caatttttaa	aaaaaaa	597

<210> 4180
 <211> 845
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (769)...(545)
 <223> similar to gi4742002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4180

gtgctgtatg	gttttctaaa	agcttgacac	cctgacagtc	tcccaacaag	acagatgaaa	60
agttattaga	gaagcctgct	taagacactc	tgttactggt	caaatgtcga	cttgctaaag	120
cagaagaaaa	gcaacatggc	caatcaccaa	acacaagacc	tcaactcctg	atgtcccttc	180
agccttcctt	tcttaccctc	caattcctga	tgctctttca	gccttccttt	cttaccctcc	240
aattcctgat	gtcctttcag	ccttcctttc	ttaccctcca	aaaggaattt	aaggattagg	300
catactttca	gttccgaaaa	gccaaagttt	gctccattgt	cagcaccagc	tctgacatct	360
gaaaatgcac	tgatctccct	ccagctaagg	aaacctgaga	aaccactctg	aaagaactgt	420
gagacctttg	cactaagacc	attagggatt	ctacgcaagg	ttctctctgc	tccttgcaaa	480
attacaggcg	tcatgaagga	tggcggctcg	taaatcgaag	cctttgaaac	aggggctcac	540
cgctccggcg	catcaacacc	ttgttgttct	gtgtgcacca	ccccacgggg	tgcaaatccg	600
cgatgactac	gtcacaccag	aagtcggccc	tgcggtcctc	ccgtaaccg	cagtagcgca	660
gaagcagcag	ctgccgcac	gtggaatga	tcgtagccac	ccagtacgtg	tccgggttgt	720
tcttattagc	cacttccaat	ttcattcctg	gctggaagtt	gctctgaatg	ctgatttcaa	780
ccttaaggaa	tcagaaatag	agaaaaccca	ttactacact	agacacaata	catccagaag	840
atgac						845

<210> 4181

<211> 306

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (52)...(115)

<223> similar to gi30501 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4181

cggggctcgt	gcgtggatga	agaacgcagc	tagctgcgag	aattaatgtg	aattgcagga	60
caacgtcgct	atggaacctg	catctaccag	ggaagactct	gggcattctg	ctgctgagct	120
tgcataataa	gacgaatgag	ctcaaaattt	gctttgagag	ctacagggaa	ttgctattac	180
tctgtacct	tctgttcaat	ttccttttgt	catttctagc	ttcattttct	ctatgctctc	240
tgtggatttc	ctgcatcgat	tattttctac	tctaatacgta	tctactattg	tctgtattcg	300
tgttcg						306

<210> 4182

<211> 947

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(862)

<223> similar to gi3337383 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4182
tccattgata tgagctatag taatggtttc taaactcatt gattcgctgg gccagggcct      60
gctgctgcgc agcctgcagg agcgcaacca ggagcaggag aaggtggagc ggcgcgctca      120
ggcccccttc cacctgcaca tcaacctgga gctgctggag tgtgtctacc tgggtgctgc      180
catgctcctg gagatccccct acatggccgc ccatgagagc gatgcccgcc gacgcatgat      240
cagcaagcag ttccaccacc agctgcgcgt gggcgagcga cagccccctgc tgggtcccccc      300
tgagtccatg cggaacatg tggtcgctgc ctccaaggcc atgaagatgg gtgactggaa      360
gacctgtcac agttttatca tcaatgagaa gatgaatggg aaagtgtggg accttttccc      420
cgaggctgac aaagtccgca ccatgctggt taggaagatc caggaagagt cactgaggac      480
ctacctcttc acctacagca gtgtctatga ctccatcagc atggagacgc tgtcagacat      540
gtttgagctg gatctgcccc ctgtgcactc catcatcagc aaaatgatca ttaatgagga      600
gctgaaggag ctgatggcct ccctggacca gccaacacag acagtgggtga tgcaccgcac      660
tgagcccact gccagcaga acctggctct gcagctggcc gagaagctgg gcagcctggt      720
ggagaacaac gaacgggtgt ttgaccacaa gcagggcacc tacgggggct acttccgaga      780
ccagaaggac ggctaccgca aaaacgaggg ctacatgcgc cgcggtggct accgccagca      840
gcagtctcag acggcctact gagctctcca ctctgtttcc cgctggggcc atccaacctt      900
gaagtcctaa accacacctc agtcactaaa ggtctgttta aagttaa                      947

```

```

<210> 4183
<211> 329
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (332)...(123)
<223> similar to gi344422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4183
gcttttttatt aggcagaatc cagatgctca aggcccttca taatatcccc cagtttaata      60
gctggactta ggggaacaaag gaacctttaa tagaaattgg acagcaagaa agcgagctta      120
ctgatacttg tggggccaggg cattatccac accagccacc actttctgat aggcagcctg      180
cactgggtggg gtgaattctt tgccaaagag atggggccatc acacagacca tcacgttgcc      240
caggagcctg aagttctcag gatccacgtg cagcttgctca cagtgcagct cactcaatgt      300
ggcaaagggtg cccttgagggt tgtccaggt                      329

```

```

<210> 4184
<211> 602
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(603)
 <223> n = a,t,c or g

<220>

<221> misc_feature

<222> (163)...(417)

<223> similar to gi2827162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4184

ttactcactt	atcttcttgg	ttgaaagaat	agtctgcagc	tgcttctttt	cttattatat	60
tttaattttt	atatatccaa	tttattagct	ggtagtgaag	gatgatgaag	tttctggaat	120
cttggtttgt	cttgtctgtc	tgactaatcc	ctgggggtggg	gtttggatat	tttacagctt	180
ttggatcttt	tcattccagt	ggattgggtca	acctaccttg	ctgactatgg	tcagcccaac	240
tgcaagtacc	tccgggtaaa	cccagtgact	gctctgaccc	tgcttgagaa	gatattctaga	300
gagatgaagg	atactagccg	caagaacaac	atgtttgcac	agtttcggaa	aaatgagcga	360
gacaagcaga	aactcattga	ctccgtggcc	aagcagctcc	gaggactcat	cagcagccac	420
cattcatgaa	gggtgacccc	ggaccacag	aggggacctg	ctgcagcctc	tgtgtcagtc	480
tggggtccag	ccccagctga	ccctgcattt	gtgcattgtt	cttcaaagag	agcatatggn	540
nnnnnnnnnn	aaccctgcg	cagtattcaa	aaaacaaatc	cctatagtaa	aagagcacta	600
ct						602

<210> 4185

<211> 1030

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1032)

<223> similar to gi5305405 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4185

ctttactgtc	ttcattcttg	gaataactat	tcgaccactg	gtggagtttc	ttgatgtcaa	60
gagggtccaa	aagaaacaac	aagctgtcag	tgaagaaatc	tattgtcggg	tgtttgatca	120
tgtgaagact	ggaattgaag	atgtttgttg	acattggggg	cacaactttt	ggagagacaa	180
gtttaagaag	tttgatgata	aatatctgcg	gaagcttttg	attcggggaa	accaaccaa	240
gtcaagtatt	gtatctttat	ataaaaagct	tgaaataaaa	catgccattg	agatggcaga	300
gactgggatg	ataagtactg	tccctacatt	tgcatctcta	aatgattgtc	gtgaagaaaa	360
aataaggaag	gtcacgtcca	gtgaaactga	tgaaattcga	gaactcttat	caagaaatct	420
ctatcaaata	cgtcagcgaa	ctttatccta	caacagacac	agtctgacag	ccgacacaag	480
tgagagacaa	gccaaaggaga	ttctgattcg	ccggcgacac	agtttgcgag	aaagcattag	540
gaaggacagc	agcttgaaatc	gagaacacag	ggcttccact	tcaacctccc	gatatttatc	600
cttacctaaa	aatacgaagc	ttccagaaaa	gtacaaaaag	aggaggacta	tttctattgc	660
agatggcaat	agcagcgact	cagacgcaga	tgccggggacc	accgtgctca	atttgcagcc	720

cagagccagg	cgcttcttgc	cagaacagtt	ctccaagaaa	tccccccagt	cctataaaat	780
ggaatggaag	aatgaggtag	atgttgattc	tggccgagat	atgcccgagca	cccccccaac	840
accccacagc	agagaaaagg	gcacccagac	gtcaggctta	ctacagcagc	cccttctctc	900
taaagaccag	tctggctcag	agaggggaaga	cagtttgact	gaaggcatcc	cgcccaagcc	960
gccaccacgg	ctggctcgga	gggcatcgga	acctggaagc	cggaaagccc	gatttgaggag	1020
tgagaagcct						1030

<210> 4186
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (637)...(491)
 <223> similar to gi805296 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4186						
tttttttttc	atcttataag	gaacatttat	ttggtaaact	atctcataga	aatagactct	60
aaaatcaaac	agtttcttaa	acaacagaga	gcataatccc	aatctctccc	catgaaaagc	120
ctacttcata	actgaagtac	ctaaagccca	tgaactgcat	tactagaaga	aaggagggaa	180
aaagacattt	actaaacttc	cacaggaaga	ctgtataaat	ctggaagtgg	ttaagtacac	240
atcagcctgt	atccaagaat	actactcagt	ctcaaaaatt	aactgaaaat	ctaaacttaa	300
tatggatacc	ttctttgttc	tttggtaagg	ctcagaaaat	taccatctat	ttaagtacgc	360
atggtactag	ttacatgtca	actgatataa	taaaaaaggt	gaagtggaca	atcagtattt	420
caaacccaat	acagggaaat	cactagatgt	aaataagaac	ttttaaaagc	tattcttgag	480
ctccacttta	aaacaaacat	tcaggactgg	aatcttcaga	atcttctaata	atcttgaata	540
tccccatctt	ctctttaatt	ggtcctgaag	cattcatttg	atcaataaga	tcacttcgat	600
ctaacaacaa	ctctagatct	ttatcactaa	tgacc			635

<210> 4187
 <211> 319
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (320)...(217)
 <223> similar to gi560623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4187

cttagagctg	ttactttcta	agtacgcaac	accctagaca	attcaaggca	tcttaatctc	60
catcaagaaa	aacaagaaaa	aataatTTTT	gtcacgctgt	taaatccatc	attatggatg	120
aaactgggtgc	atattgggtca	aacggatcca	acaaacactg	atgtccaagc	tggtcatattg	180
gcaactaata	cgtaactggg	ggtcaataga	gagtttaaaa	gatcttccct	ttcttcttgt	240
ttttttccaa	ggttctcgaa	gagttctgtt	ctaaaatatg	ttgttgagct	tcccagtttg	300
ccttctcatc	ctcaaactg					319

<210> 4188

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(513)

<223> similar to gi295736 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4188

gcaatatcca	tggaattgt	cagtgttagt	tctcctgatg	ttagttcagt	atctgaatta	60
actaataaag	aagcagcttc	acaacgacct	cttagctctt	cagcaagtaa	cagactgtca	120
gtgagttctt	tgttggctgc	tggggccctt	atgagctcta	gtgcaagtgt	acctaacctg	180
tcctcaagag	aaacatctag	cttgagaggt	tttgtaagga	gagtggcaaa	catagcacgg	240
actaatgcc	cgaacaacat	gaatctaagc	cgaagcagca	gtgataacaa	cactaatact	300
ttggggagga	atgtgatgag	cacagcaact	tctcctctta	tggtgtctca	gagtttccct	360
aatttgacca	cacctggtac	tacatcaaca	gtgactatgt	caacatccag	tggtactagc	420
agcagcaatg	tagctacagc	aacaacagtt	ttatcagttg	gtcaatcttt	aagtaacact	480
ttaaccacca	gcctcacatc	aacttccagt	gagagtgcac	caggtcagga	agcagaatat	540
tccttatatg	gtaagttgta	attttaaagt	aaagtattta	gatactttca	taatgatgct	600
tttattatgt	tttctcctga	tatttttaac	ttttgtttta	agagaattat	tctctcttct	660
tataaatatg	aatcttccgg	gccaggcaca	gtagctcaca	cctgtaatcc	cagcactttg	720
ggaggccgag	gcaggtggat	cagttgaggt	caggagtctg	agaccagcct	gaccaacatg	780
gtaaaacccc	atttctacca	aaaaaaaaa				809

<210> 4189

<211> 1051

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1050)...(716)

<223> similar to gi2440074 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 4189
aattatattg tgctctaattg ttacagaata attggaattc ttggcaaaaag gacttgcaca      60
ctcaagaatg aactttttttt cacacaaaaa gcttatcaag aacaagacag tggctcaaaa      120
accacttttc taaatatatt tccatacaaa ataatttcaa gatataatta ttagtttctt      180
gtagagtacg ctattttaaac aagaataaaa gagtaagtat gtgaaaactg caacaccaca      240
aaaattgagc catttttacta gtgtaattaa acattagaac aatcttgga caggcaagca      300
aaatattcag aaggggtgaat catggcgggc acagctaact gattttttacc atgacttgca      360
cactttgaga caacacaaat accttatgca gatggttcag tagcagaatg gcacttggtt      420
tgctcctaata agaaacaaca tgaatgcaac tgacaattta gagatagacc atggccctat      480
ttggcatgct gaaaatctgg ttgtgttctt ctagtccaca caccgttaac tgtgcaatct      540
gttgacgagt aaacaaatag tgcaggattc atctcagtga ggtctgggcc ccttgggtct      600
accgaaatca attcttggtc gatactgcag taccataggg tatgactgat acaaagggcc      660
atcctgagag cagacttgcg aagctgagca gttcagacac cgaaagtttt cgctcttag      720
tcgccatctt gtcagttaga tgaattccat agtatgatcc ttccccataa tttcaccatt      780
gcacagcaca tccaactcat aagaacttgg aagttttagt tttaaactta gaaatTTTTT      840
aatagttccc acagttacac gtgtagaaca tcgaatgaat ttcttcatta aaccctttac      900
tacattgtcc cctgattgcc cattatttcg taaacaatct agacagatag caatttgtgg      960
gtcacttctg tgataatctt tatcatcttc attttcatca ccttcttcat ctactttcgg     1020
tttgtcagct tttgaagtat catcttgtcc c                                     1051

```

<210> 4190

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (535)...(292)

<223> similar to gi4567070 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4190
tttttttttt ttgatgggtg cacaacaatg tgaatgtatt taatgccaca aaccatacac      60
ttaacaatgg ttaagatggg aaatttgatg tgatgtatat ttgaccacaa tttgctcaat      120
gcaccattgc tggtttgaag gtggagggac cacaggacca gggacaagga cttgggaacc      180
tcagtcctac agccatgagg agttgacttg tcaacagcct gaatggtcct ggaggcagat      240
gcttcccccg agcctccagg tgagagtgca gccaccaag gcctgacgtc agtctgagag      300
accccgctca gggcacccac tgagcccacc gcgacttctg ccctggagag ctctgtgggc      360
agccaggtgg caggagaggg gcagaggcgc agcatcgctc tcctgcagcc accgaagact      420
acccgagcat cctcttggac caatagcaac tgcttcggag tggagacaat gtgtgggtcc      480
accctgggag catctcaaga ggctgggctc ctggggctgg cggccacatg ctctgaggag      540
caaggggatc atggggctgt ggtggaatgt tctacagggg acctgtgagg ctattgtgga      600
atgttctaga ggggatcatg gggctgttgc agaatgttct ggaggggatt atggagctgc      660
tgtggaatgt tctag                                                    675

```

<210> 4191
 <211> 6227
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(2176)
 <223> similar to gi2224587 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4191

gggagagaaa	ggagggatga	agccgcctgc	ccactggacg	ggagggctgc	agccagagct	60
tcagggtagc	cctgctggat	gggacagcac	tgagggctgg	acctgggggg	atggagaaca	120
tgggctgggg	gcagcagcca	tgccctacctg	ggggggccgc	cccgcgtccc	cagatcgctt	180
tgcggtgtct	gcggaggctg	agaacaaggt	tcgggaacag	cagcccatg	tggagcgcat	240
cttcagcgtg	ggggtgagcg	tccttccgaa	ggactgtccg	gacaaccccc	acatctggct	300
gcagctggag	ggccccaagg	aaaacgccag	cagagccaag	gagtacctga	agggcctctg	360
cagcccagaa	ctgcaggatg	aaatccacta	cccggccaaa	ctgcactgca	tctttctggg	420
agcccagggc	ttcttccttg	actgcctggc	ctggagcacg	tcagcccatc	tggtgcccag	480
ggcgccaggc	tcactgatga	tcagtggcct	gactgaagcc	tttgtcatgg	ctcagagccg	540
ggtagaagag	ctggcagagc	ggctgagctg	ggacttcacg	ccaggaccat	cttccggagc	600
ctctcagtgt	actggagtgc	tgagagactt	ctctgccctg	ctgcagtccc	cgggggatgc	660
ccatagagag	gctctgttgc	agttgcccct	ggctgtccag	gaggagctgc	tgagtctggt	720
gcaggaggcg	tctagtgggc	agggggccagg	agcactggct	tcttgggagg	ggcggagctc	780
agccttgctg	ggtgctcagt	gccaaaggagt	gagagctccc	cctagtgcag	gcaggagctc	840
cctggacact	ggatctatgg	gacccggaga	ttgcagggga	gcaaggggag	acacttacgc	900
tgtggagaag	gagggaggga	cacagggtgg	tcccagggag	atggatttgg	ggtggaagga	960
gttgctggg	gaagaggcgt	gggagagaga	agtggccctc	aggccacagt	cagtgggtgg	1020
aggggcaagg	gagtcagcac	ccctgaaagg	gaaggccctg	gggaaggagg	agatagctct	1080
gggaggagga	gggttctgtg	tccaccgtga	gcctcccggg	gcccattggc	cctgtcacag	1140
ggcagctcag	tcccgaggag	cctccctcct	ccagcggctc	cacaatggga	atgcctctcc	1200
tccgaggggtg	cccagccctc	cacctgcacc	ggaaccccca	tggcactgtg	gagaccgggg	1260
tgactgcgga	gaccggggag	acgtggggga	caggggagac	aagcagcagg	gcattggcacg	1320
gggtcggggg	cctcaatgga	aacgaggcgc	ccgagggggc	aacttggtga	ctggcacaca	1380
gcgtttcaag	gaggccctgc	aggatccttt	cacctgtgct	cttgccaatg	tgccctggcca	1440
gccagacctc	cgccatattg	tcattgacgg	cagcaacgtg	gccatggtgc	atggcctcca	1500
gcactacttc	tccagccggg	gcattgccat	tgctgtgcag	tacttctggg	accgtgggtca	1560
ccgtgacata	actgtctttg	tgcttcagt	gcgcttcagt	aaggatgcca	aagtcagaga	1620
gagtcacttc	ctgcaaaaagc	tgtattccct	cagcctgctc	tccctcacac	cctcacgagt	1680
catggatggc	aagaggatct	cctcctatga	tgacaggttc	atggtgaagc	tggtgaaga	1740
gacagatggg	ataattgtct	ccaatgacca	gttccgggac	ctggcgagg	agtctgagaa	1800
gtggatggca	atcatcagag	aacgcctgct	gccctttacc	tttgtgggaa	acctcttcat	1860
ggtacctgat	gacccactgg	ggcgaaaacg	ccccaccctg	gatgaatttc	tgaagaagcc	1920
agccaggaca	caggggtctt	ctaaggctca	gcacccctcc	aggggctttg	cagaacatgg	1980
taaacagcag	caggggagag	aagaggaaaa	aggtagtggt	ggcattcgga	agaccgggga	2040
aacagagcgg	ctccggcggc	agctgctgga	ggtgttttgg	ggtcaggatc	acaaagtggga	2100
cttcacctcg	cagcgggagc	catactgccg	ggacatcaac	caactgtctg	aggccctgct	2160
cagtcttaac	ttttgagcct	cacctgcttg	agtggctgcc	gccctgtcag	ctccagccgc	2220
ctccagctca	gccctttctg	tgagagtccc	tctgtgtctc	actctgatcc	agaggcacc	2280
tgagttggtg	ctttggatca	gggaagccac	tttgggacag	gtccataaag	tgaactgatc	2340
ttaccgagtc	aggacctcag	ccagctctca	agagggtctg	ctcagcctta	acttctcaac	2400
tttgcccttag	cacagggttt	ctgtagggag	tgggggctgc	tagaggggat	tagttccgga	2460

gactgagact	ggttggtcca	cctccaagct	gagctagggg	ggagggcagg	gtgggcagga	2520
agtacacagga	agttaagctg	ttcctctccc	tggctgctgc	tctggatggc	cagagaacaa	2580
gatgctccct	tgctgagctc	ctgggagcgt	ggaaggagat	gctaggccct	ggcacagtgt	2640
tatgtggact	gggccacgat	aggggtggagt	gagctagtga	agaaggcaga	gggagacttg	2700
gcttctggtc	tcagctatgc	ctgtttttag	accttgattg	agttgcttgg	gctttacttc	2760
tgccatacaa	tcaggggtaa	aaatacctgt	tgggaggaga	aatgagaaca	tagaggaaag	2820
cctcttggag	gaaagggtgc	tggaccaagt	ctcaggtgtg	tctgcctgtg	gctgcacagg	2880
ctctctaacc	gaaacctcac	tttcagagag	atgtgggtcc	tttgtctcca	ggatccacac	2940
cctagatttt	aacactgcat	tctcactata	acatgcctta	taatggctgc	atcccttttg	3000
agcaacctcc	aaaatctaca	tttacacagt	aggtaaatta	gggatgactg	cattatcaaa	3060
atactctcag	ggttccctata	aatggcagct	ctcctgttgt	attcaggtgt	tgtttacaga	3120
ctaacaaatg	tgttggcaaa	tccttggtta	gatgcacttc	ctgggtgttg	gatgaacacg	3180
tcgatttttc	accaatcgat	gaagccatgc	tctgcaatga	caatattaat	gtgatccgac	3240
cctaacattt	tctctatgga	agacgtatgt	tgcataaagc	aaggcacact	tctgctttat	3300
gtgtgtgtgt	atggggatgg	gaggacttaa	cggaagttga	accagttggg	tctagatgaa	3360
ccaattatct	ggaaaatgaa	agaaccagag	ttggaaggca	cttgactggc	caccagacca	3420
actctgctgt	tactgacatg	ctttcttcac	cctgattcct	agaggtcatt	gccctggatc	3480
tgcttgaagt	cctcctgtgc	cagggaaatt	actatctcca	gggtagcaca	ttccctgtgt	3540
agacggtatt	aatcagtact	ccttacttta	gtgcagccta	aagtatgctt	ttctgtttaca	3600
tccacctttg	aggctggtca	tacctccagg	aacaatacag	agccagtcaa	cttccctggaa	3660
tccaagacca	gataaagaag	taggacaggt	gccccctggg	tctgttctgt	gtgggcctgt	3720
ggggagtctc	tagacaagat	cttttccagg	ccctgacttc	tgccctccctc	tgagtggcac	3780
agggagtga	atactgcatg	gcgagtgtaa	tgatgatggg	gagggctcct	gtgtccctcac	3840
cccttccctt	ttggtgattt	acaccactgt	accatactga	cccaggctgg	gggcaggtgt	3900
gttgagagaca	ggctgggtcaa	agaggtgaca	atgattaaga	gataaccag	tggtccctga	3960
gaagagattg	gttagtatgg	cctgaactgg	tggctggggg	aactgtgtct	ggccaagtta	4020
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gtgatgggtg	gtgtgcagta	gaccaaagt	gtcttctgcc	cttttgtgct	aagggccctg	4200
gttgactgag	tggccccagt	cagatgagag	gcaagtccta	agcttcttat	agacagggat	4260
gttgactttg	ttctgctgca	gcctgataaa	ctgggaccac	tgtgtgggtta	gtaatgcact	4320
tgccatttgg	tgacacagac	tgaaggctat	cctacacctg	ggccttacct	cttccctctac	4380
tggcatccta	atggcactct	gacagcatcc	agggtgacta	cagggcccat	tggaaatgga	4440
tcattcattct	ctcttctagt	gtctatcttt	atcataacct	gatgtcccaa	acttgtgaca	4500
agttcttttg	gcaactgaag	gaccaagaag	ggaaacggtg	atgagagaga	ctgccattta	4560
taactttcaa	aaccccgctc	ttggggaaga	atcatctagg	gtgacattcc	ttgaagtaaa	4620
tcccaggaga	atctaggcca	aagagatgag	ccaagggttag	tgagacaatt	tatttttatt	4680
gcctaaactg	cagagcattc	tctacacagc	gtaaaggaga	agtggggcag	ctgcaggaca	4740
tgtagagaaa	ccaaaccggg	aaatcttaca	aggagttgaa	aagattaatg	tcccaacctg	4800
atgagattac	ggccttgaga	caataagggtg	gagcaacaga	acaatgggaa	agaggactgg	4860
gagaggaatc	taagaaccag	atggcttcag	ctctctagag	gagctgagcc	tattcacagt	4920
gcctaacctg	gaagcctgtg	aggaacaggc	ctcaggccct	tgccatgacc	tacttaggct	4980
acaatttcc	ttaaggcagc	ccctagctct	gggaaggaa	actggtagcc	agtggccagt	5040
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aaggctctgg	caaactcagc	attagtggcg	gaggatggag	ccactccatt	caggaccccg	5220
tgcacgtgg	ttgcttcaag	ggcatgggtc	aggattcctg	ccagggtccc	gatgtgtatc	5280
caggggaaga	attggtggcc	tgagccgatg	gggcccccca	ggcccaggcg	aaagggcagc	5340
agcatgtggc	ccatggcacc	acccccacgg	cccagcacaa	cccctagagc	aggaaagagg	5400
gaaggtacag	gggtcttctc	agccttgaag	gagccactg	ctcctcctgg	tttctgtttc	5460
cccttccctc	ctctccccat	gctgacttgg	ctctgtaaca	gaagtgtgca	gtatggctgt	5520
ctttaagacc	tcacaccttc	tcattctgcag	gttggttaga	agtgggtggc	tcctctcact	5580
ctgtaattgt	aatctcagct	ctcctaattc	catcacttcc	ccagcccaga	gaagacattc	5640
caacctgtc	tgatacccg	gcccgtttct	cacctgagcg	caccaccacc	tggcgtgtag	5700
aatctccagg	aagcctgggt	gcagcttccc	atttggttac	gaggttgagg	aaaaagtcaa	5760
agtccctcc	tgggtgtct	tcattcatact	ccgcagtcag	actgggctgg	tagtaagctg	5820
ccggtggaac	acaatcattt	gccctgggtg	tccttggtcc	tgccctggctc	tctgtagtgg	5880

aggctccct	tggcatcacc	ttctctggcc	cttaggatct	ccccatttgg	agacagagcc	5940
atttggatat	tttccccttg	aacttctcca	tgacctgaag	cgttccttcc	ctggagggaac	6000
tctttgggtg	cagggctaaa	cttagaggct	gctagagtgt	agtgggttaag	aacagggaact	6060
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caagtactt	aacctctctg	tatagaattt	tcacatcttt	aaaatgggaa	taatagtacc	6180
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<210> 4192

<211> 376

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(241)

<223> similar to gi848985 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4192

ggcacgagga	ccagctgctg	ccaaacctga	gggctgtggg	gtggaatggg	ctggaaggcc	60
gggatgccat	cttcaagcag	gggcaaaacg	aatctctgg	cagggccttt	ggggtcatga	120
caggagcggc	cctgccggct	gcgaaactgg	accaccatcc	tgaatggact	aacgcggacc	180
tccaggccca	catcacgtg	gagacctatg	actatgccga	aaattcaaac	ggagacaagc	240
aaccgttggg	ccacactgca	gtaaccacta	attcctgacc	cactgacctg	aagatcactt	300
aggtcacacc	caccagcctg	aacgcccaga	ggacaccacc	caatgacggg	ccactggata	360
tcgagtggcg	gtgacg					376

<210> 4193

<211> 4670

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(3400)

<223> similar to gi2564322 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4193

gtgtgggagg	tcgttcagtg	tcattctcaga	atttgttgag	caccagatca	tgcatactag	60
agagaacctc	tatgagtatg	gtgagtcctt	tatccacagt	gtggctgtca	gtgaagttca	120
gaaaagtcag	gttggaggga	aacgttttga	atgtaaggac	tgtggagaga	ccttcaataa	180
gagtgccgcc	ttggctgaac	atcggaagat	tcattgctaga	ggttatcttg	tggaaatgtaa	240

gaatcaggaa	tgtgaggaag	ccttcatgcc	tagccccacc	tttagtgagc	ttcagaaaat	300
atatggcaaa	gacaaattct	acgagtgcag	ggtgtgcaag	gaaaccttcc	ttcatagtcc	360
tgccttgatt	gagcaccaga	aaatccactt	tggggatgac	aaagataatg	agcgtgaaca	420
tgaacgtgaa	cgtgaacgtg	agcgcgggga	aacctttagg	cccagcccag	cccttaatga	480
gtttcagaaa	atgtatggta	aagagaaaat	gtacgaatgt	aagggtgtgtg	gggagacttt	540
ccttcatagc	tcattccctga	aagaacatca	gaaaatccat	actagaggga	accttatgga	600
aaacaagggg	aaagtgtgtg	aggaaacctt	tattcctggg	cagtccctta	aaaggcgtca	660
gaaaacttac	aataaggaga	agctctgtga	ctttacagat	ggccgggatg	ccttcatgca	720
aagctcagag	ctcagtgcag	atcagaaaat	tcattctcga	aagaacctct	ttgaaggcag	780
agggtatgag	aaatctgtca	ttcatagtgg	gccattcact	gaatctcaga	agagtcatat	840
tataacaaga	cctcttgaaa	gtgatgagga	cgaaaaggcg	ttcaccatta	gctctaacc	900
ctatgaaaac	cagaagattc	ccactaagga	aaatgtctat	gaggcaaaat	catatgagag	960
gtctgttatt	catagcttag	cctctgtgga	agctcagaaa	agtcacagtg	tagcagggcc	1020
cagtaaacca	aaagtaatgg	cagagtctac	cattcagagc	ttcgatgcta	tcaaccatca	1080
gagagttcgt	gctggaggga	acacctctga	aggaaaggga	tacagttaggt	ctgttatcca	1140
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tgtggatctc	acagacctca	cagaccatca	gaaagtccac	agcaggaagt	gcctgggtga	2040
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ttacactgga	gagcagctgt	atgaatgtcc	aaagtgtggg	gaatctttta	ttcatagctc	2160
attccttttc	gagcatcaga	gaatccatga	acaagaccag	ttgtattcca	tgaaggggtg	2220
tgatgatggt	tttattgccc	tcttgcccat	gaagccacgg	aggaatcgtg	ctgcagagag	2280
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tgagccaaac	ggagaggctg	aagggccaga	tggagagctc	gcagagccca	ttggagaggc	2940
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cagcacagca	ttcagtgaac	acctgaaaac	tcatgccagc	atgatcatat	ttgagcctgc	3240
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gaaaacccta	tgagtattcc	agactacaga	gtttgcccaa	atcaactgta	aatgacactt	3720
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caatatcttt	ttgagaaatg	gtttggtttc	ttacccttaa	aaagtcttgt	gaagctgtag	4020
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atggcttggg	tcccctgtgc	agcatcagct	tatgctgcca	caagtcagtt	tgcaccctag	4560
gtgcccgagga	gctagtatcc	ttagatcttt	ctatcgctaa	cttaattctc	ttcgttattt	4620
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<210> 4194

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(156)

<223> similar to gi3128157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4194

ggcacgagga	agttcaaatt	ggtccagaaa	cagttatgac	cactctttat	actgccaaaga	60
aatacgcagt	cccagccttg	gaagcacact	gtgtagaatt	tctcaccaaa	catcttaggg	120
cagataatgc	ctttatgtta	cttactcagg	taagtaaatt	tagctaaggt	atgtatcatt	180
gtagttttta	aattgagtaa	actatatatg	ggcattta	atttctgga	gaattctaga	240
ttataatttt	aaagtatata	aaatgatttt	tataatacaa	atcaggga	catgtcagat	300
atctaagatt	ttagaattga	aaagtgtatt	agaggccatg	gatgggtggt	cacgcctgta	360
attccaagac	tctggaatgc	tgaagcgggt	agatcacttg	aggtcaggag	ttcaagacca	420
gcctggccag	catgaccccg	tctctactaa	aaatataaaa	attagccggc	tgtggtggcg	480
cgggcttgta	atcccagcta	ctcaagaggc	tgaggcagaa	gaatcgcttg	aattgggggtg	540
gcgggggcaga	caccctggga	gacagagcga	gactccatca	caaaaaaag	catgttagag	600

<210> 4195

<211> 802

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (786)...(317)
 <223> similar to gi289749 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4195
 aatgtgcaac aggcctatttt cttgaatgaa tggattcata ataagaacag gacttcacca 60
 gcttccaagg gaccctcccc acctctcgga tatattctga agcctaaatt tcacctgctt 120
 atcttaggat ccttaggccc aggccttctg ccacaccaag ccacaaccga agctcagcag 180
 tactcacagg cctttaatct ataactgcct ggccacacca tcacttcccc aggatggtgg 240
 ggagggatga agatgtatag ccaggtaggc cacaccaact ctgagtccaa gaggggaagga 300
 ctggggtcag gctggggctt gggcagggga ctcccggccc caggcgatga gggagttgct 360
 ggcttgggca agctcggcga tggacacccg gccccgctgt cggatgaagt tggccacggc 420
 ggccagttcc tctgggggta tgtagatgaa cttgccccgg tcgtcaatca cacctgttat 480
 agtcccctca gccagcaggc cctggatgcg atttatgggt tcttgagtgc gtaggcccac 540
 ctgggaagcc aggtcttcca agagcacaac cttggactgc ttgatgtagt tgatgaactc 600
 tgtcaggaag ctctgggact gttcctcagt catggtctct cctacgcctt cctcctccac 660
 cacaaggcc tccttcagtt tcaggtactc ctcatgctcc cgctgggcct gctcctcgcg 720
 ggcttccctc tcctcctcct ccttctgctc ctctccagg cgaagcgcgt cctcctcctt 780
 cttccctcgt gccgctcgtg cc 802

<210> 4196
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(282)
 <223> similar to gi3880871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4196
 cttgtttttc cctctaccag attatggaga gaattatgga tctaccact ttactgaggc 60
 atgcattcag ggaaatgttt tcagtcgggg gccttttctg gatgtttcgc atcaggataa 120
 tactttgttt aatgggagct tttttctatc ttatatcacc tctagatttt gtacctgaag 180
 ccttgtttgg aattctaggc tttctagatg atttctttgt catcttttta ttgcttatct 240
 acatctctat tatgtatcga gaagtgataa cccaaaggct aactagatga aaaagaaaac 300
 aaaactgagt ttactaggat atctgagcta atgtagaaca tcaaacagaa ggacccatgg 360
 cagtataaag caatgaagca atggagtatt atctcacaaa tataaaacca ctataagaca 420
 aacatttgat tatcatttga caaataccta ggtataactg gaattttcat gtttgaagtt 480
 ctaatatata gtttagaatt ataatgatct acagttgtat cttgattcta tgttgtctgg 540
 aaaaaatatg gaattatata aaaagggatg cttttatata tttttctttt cccagaatt 600
 acttagatta attagatgta tagtaaaaata ttgttaaagt tcagtttatc catcttatcc 660
 ttctcagcag gtacctatat gataatatat agctgtgaaa ctcatctaaa tatttttgtt 720
 ccaataaaat attatatact aaaaaaaaaa 750

<210> 4197
 <211> 1936
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(433)
 <223> similar to gi2811122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4197

ggcacgagga	ggcctcgggg	ctgtccgtgt	ggatggggaa	gcagatggag	cccttgcaag	60
cagtgccccc	ggcagccatc	accttgatct	tgtccttgct	cgttgccgtg	ttcaetgagt	120
gcacaagcaa	cgtggccacc	accaccttgt	tectgccccat	cttgcctcc	atgtctcgt	180
ccatcggcct	caatccgctg	tacatcatgc	tgccctgtac	cctgagtgcc	tcctttgcct	240
tcatgttgcc	tgtggccacc	cctccaaatg	ccatcggtgt	cacctatggg	cacctcaagg	300
ttgctgacat	ggtgaaaaca	ggagtcataa	tgaacataat	tggagtcttc	tgtgtgtttt	360
tggctgtcaa	cacctgggga	cgggccatat	ttgacttgga	tcatttcctt	gactgggcta	420
atgtgacaca	tattgagact	taggaagagc	cacaagacca	cacacacagc	ccttaccctc	480
ctcaggacta	ccgaaccttc	tggcacacct	tgtacagagt	tttggggttc	acaccccaaa	540
atgacccaac	gatgtccaca	caccacccaa	acccagccaa	tgggccacct	cttcctccaa	600
gcccagatgc	agagatggtc	atgggcagct	ggagggtagg	ctcagaaatg	aagggaaccc	660
ctcagtgggc	tgctggaccc	atctttccca	agccttgcca	ttatctctgt	gagggaggcc	720
aggtagccga	gggatcagga	tgcaggctgc	tgtaccgcgt	ctgcctcaag	catccccac	780
acagggctct	ggttttcaact	cgcttcgtcc	tagatagttt	aaatgggaat	cagatcccct	840
ggttgagagc	taagacaacc	acctaccagt	gcccattgtc	cttcagctc	accttgagca	900
gcctcagatc	atctctgtca	ctctggaagg	gacaccccag	ccagggacgg	aatgcctggg	960
cttgagcaac	ctcccactgc	tggagtgcga	gtgggaatca	gagcctcctg	aagcctctgg	1020
gaactcctcc	tgtggccacc	accaaaggat	gaggaatctg	agttgccaac	ttcaggacga	1080
cacctggctt	gccaccaca	gtgcaccaca	ggccaacctc	cgcccttcat	cacttggttc	1140
tgttttaaat	gactggcccc	ctgtcccacc	tctccagtga	gcctccttca	actccttggt	1200
cccctggtgt	ctgggtcaac	atctgcccag	acgccttggc	tggcaccctc	tgggggtcccc	1260
cttttctccc	aggcaggtca	tcttttctgg	gagatgcttc	ccctgccatc	cccaaatagc	1320
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gcaggagaaa	gtatgagagc	ctcaggaaac	cccatcaagg	accgagtatg	tgtctgggtc	1860
cttgggtggg	acgattcctg	accacactgt	ccagctcttg	ctctcattaa	atgctctgtc	1920
tcccgcggaa	agctcc					1936

<210> 4198
 <211> 1588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(1498)
 <223> similar to gi4191596 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4198

ggcacgagtc	agaattaaaa	gaagaaataa	aagcattaga	agatgccaga	ataaaccttt	60
tgaaagagac	agagcaactt	gaaattaaag	aagtcacat	agagaagaat	gatgctgaaa	120
cattgcagaa	atgtcttatt	ttatgctatg	aactgttgaa	gcagatgtcc	atttcaacag	180
gcttaagtgc	aaccatgaat	ggaatcatcg	aatctttgat	tcttcctgga	ataataagta	240
ttcatcctgt	tgtaagaaac	ctggctgttt	tatgcttggg	atgctgtgga	ctacagaatc	300
aggattttgc	aaggaaacac	ttcgtattac	tattgcaggt	tttgcaaatt	gatgatgtca	360
caataaaaaat	aagtgcctta	aaggcaatct	ttgaccaact	gatgacgttc	gggattgaac	420
catttaaaac	taaaaaaatc	aaaacacttc	attgtgaagg	tacagaaata	aacagtgatg	480
atgagcaaga	atcaaaagaa	gttgaagaga	ctgctacagc	taagaatggt	ctgaaactcc	540
tttctgattt	cttagatagt	gaggtatctg	aacttaggac	tggagctgca	gaaggactag	600
ccaagctgat	gttctctggg	cttttggtca	gcagcaggat	tctttctcgt	cttattttgt	660
tatggtacaa	tcctgtgact	gaagaggatg	ttcaacttcg	acattgccta	ggcgtgttct	720
tccccgtggt	tgcttatgca	agcaggacta	atcaggaatg	ctttgaagaa	gcttttcttc	780
caaccctgca	aacactggcc	aatgccctcg	catcttctcc	tttagctgaa	attgatatca	840
caaatgttgc	tgagttactt	gtagatttga	caagaccaag	tggattaaat	cctcaggcca	900
agacttccca	agattatcag	gccttaacag	tacatgacaa	tttggctatg	aaaatttgca	960
atgagatctt	aacaagtccg	tgctcgccag	aaattcgagt	ctatacaaaa	gccttgagtt	1020
ctttagaact	cagtagccat	cttgcaaaaag	atcttctggt	tctattgaat	gagattctgg	1080
agcaagtaaa	agataggaca	tgtctgagag	ctttggagaa	aatcaagatt	cagttagaaa	1140
aaggaaataa	agaatttggt	gaccaagctg	aagcagcaca	ggatgccacc	ttgactacaa	1200
ctactttcca	aaatgaagat	gaaaagaata	aagaagtata	tatgactcca	ctcaggggtg	1260
taaaagcaac	ccaagcatca	aagtctactc	agctaaagac	taacagagga	cagagaaaag	1320
tgacagtttc	agctaggacg	aacaggaggt	gtcagactgc	tgaagccgac	tctgaaagtg	1380
atcatgaagt	tccagaacca	gaatcagaaa	tgaagatgag	actaccaaga	cgagccaaaa	1440
ccgcagcact	agaaaaaagt	aaacttaacc	ttgcccaatt	tctcaatgaa	gatctaagtt	1500
aggaaagacg	atggagggtg	aatcctttta	gattatgtcc	agttatttgc	tttaataaag	1560
aagaagttac	ccttgtcaaa	atcagaac				1588

<210> 4199
 <211> 2243
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(1406)
 <223> similar to gi452404 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 4199
ggcagcagac tagaggaaac tccaaatacc actactatgg gattcgtgtc aagccagatt      60
ccccctcttaa tcgtctgcaa gaagacatgc agtatatggc tatgagacaa caacccatgc     120
aacagaaaca aaggtacaag cctatgcaga aagtggatgg gggtgcagat ggtttcacag     180
gaagtgggtca acagacaggc acatctgttg agcaaaactgt aattgcccac agccaacatc     240
atcaacagtt tttagatgca tctcgagcac ttccagagtt tggagaagtt gaaatctctt     300
ctctgccaga tgggtactacc tttgaggata tcaagtcact gcagagtctt tatagagagc     360
actgtgagge aatattggac gttgttgtga atcttcaatt tagcctgata gaaaaattgt     420
ggcaaacatt ctggcgctat tctccctcta ctccaactga tggcactacc attaccgaat     480
cgagcaatct gagtgaaata gaaagtcgac ttccgaaagc aaagctgata actctgtgca     540
aacatgagtc tatcctgaaa tggatgtgta actgtgacca tgggatgtac caggctttgg     600
tggagattct catccccgac gtccttagac ctattcctag tgccttgacc caagccattc     660
gaaattttgc aaaaagcctt gaaggttggc tttccaatgc catgaacaat attccacaga     720
gaatgatata aaccaaggtt gccgctgtaa gtgcctttgc ccagactctg cgaagatata     780
cgtcgcttaa tcacctggcc caggcagctc gtgcagtgtc tcataacact tcccaaatca     840
accagatgct tagtgacctc aaccgtgtcg actttgccaa tgtccaggag caggcttctt     900
gggtgtgcca gtgtgatgac aacatggttc agagactaga aacagacttc aagatgactc     960
ttcagcgcca gagcaccctg gagcagtggg ctgcgtggct tgacaatgtg atgatgcaag    1020
cactgaaacc ctatgaagga agaccagtt ttcctaagc cgccaggcag tttctgctaa    1080
aatggtcttt ctacagctca atggttattc gggacttaac cttacgcagt gctgtagct    1140
ttggctcctt ccacctgac cgtctactct acgacgaata tatgttttac ttagtagaac    1200
atcgtgttgc tcaggcaaca ggagagactc ctatagcagt catgggagag gtaagagagg    1260
ctgaaagagc tgtgaccac tgggttatta aaaataagcc agaattacac ttcagtctaa    1320
atacattatt gattaaaacc atggttccta accaagtcag cctcagagcc aggagggact    1380
gtggagttat tgcaagagtt ccttaaattc ctctgttctt atgtgcttaa tcaaaagatt    1440
ctaaaattgt ggattatata atgtgaaagt tcatggaatg tgtctctata ttatacaggt    1500
acctatgtaa aagaaaaact tgagaaccac tggaaataga aaaatatatt aagtgggaaa    1560
aagattgggtg ctcttgataa agcaaagggc taggaatata atggaaagga ttaaatatgt    1620
atthttgtaga ctctttcccg gtctccaaga acaaagtaaa tgattctatt ttagaaggat    1680
aaaaatggta atgatgataa ctaacatttt ttggacactt actatgtgcg aggcacagtt    1740
ctatgttttt tacatgtaat aaagcactta atgcaagtct ttgagatacg ttctacttta    1800
ttctgtttta caataagcat ccgaggttta tgcagaaagc taaggcacag aaagggtaaa    1860
tgattactca gtaaaaaaat ggtagagatt tttttttcaa acacagtctg attttcaaac    1920
ccatagtctt ctaaccacta atgatgtaag ggggaaaatt ctcttcttca gaatttctga    1980
atagtcatca aaatggctta tcaaaaagct taaactctga atataaacia gggctgggta    2040
atataatgag gaatagatgc aaatgctcag atgggttcagc actggcttat tttgttatat    2100
tgaatgcagg aggcgggggt agtttatacc ttgtcgaatc ataccagatt attaaatgtg    2160
acaaattacc caaggcggta aaaaagacat gttcactttt aagctatgtg tatgtgctta    2220
tataaataaa aaagagtga aac                                     2243

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<210> 4200

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (858)...(415)

<223> similar to gi458692 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4200
tttttttttt ttcttaaaac aaccagtttc tttaattaga aagcaacaaa catgcaaattg    60
gcaagtgtag aaattttattt gaaccaacat tttcactatg atgaaaatta ttcttcaaca    120
ttgatccaag ctccacacatt tgaaggtttag ggaaaatatt gcactttgca ttttctagca    180
ctcctcatat acggcaaaaa gttttaaaaa cattctgcta gttttgtttt atacaatctc    240
ccaaattcat gcacacaatc attccaaacc aatgttaggt tatcccaaaa aaagggaaaa    300
actccaaaaa ccataacctt aaaattgcac taaagctctg taaagaaaaa aatataataa    360
atgtcttata caaatttcag aacatttaag tgcttgccaa aaagagttaa ttattcctca    420
tcctcatttt cattctcttg accagagcct tctgatctgt caccctccaa ccggtcagct    480
cggatatgat taagtgaagc caacatcctc aacatgaaag aggctggaac tgtaatggtg    540
tttctagttt cttccagcat gaggctcgtt cgagttataa cttcatcagc aagttttcgg    600
ttaaaaatcc ttgactcttc taatggtgac cagatcttta tgtcataatc tatgccagat    660
gaggctaaaa ttgggtcaaa cggatgtggc tgcaggcagt ttaccacatg attatcagct    720
tccagaagca tcaaagtctc agcagtggtg cgatcccaga tgaaaatgtg gccacagtca    780
gaaccactca ttacaaagtt agcaccctcag aaattggctt cttttatcat tgtcctggag    840
ttgcatggtg ctttataaac catttttact agcggccttc taatgttcaa agtatccaat    900
tcttccattt ctttcctttt ttttctccgt ctgaagaact cctgaatacg ggcaacagca    960
gagcgtctat caccaggtcc tgctcgatac cttgcacctg ggatcaggac tgggtcatca   1020
tcactgtcat ctgtgtcctg aagagcagag tccctgggtg atgtttcttc atgagctgaa   1080
ggcccagtggt cttctgtttg gaactgaggc tcaggattgg tgttattttc attggtagca   1140
ctctcagtgct tagtctgata tgaagtcttc gggtccttgg ctttttcaga tgaagcagat   1200
tcttctggaa cccacaaga gcgatcaaga ttgaggtcat ttctttctcc tgagttggaa   1260
tccaatggct tggctgtgaa cttatctgat tgtgttatat tgatatggtt ctcaactggg   1320
ttttctgcag atactccttc ctgatatttt gtcacatcct ctgatgattc ttcaggagct   1380
ttgtttcac tgtctccttc tgggtggttg actgagctct gtgggacgaa agattcctcc   1440
tgaccctcag atttgcaatg gctcccaatt cctctagaac ttgatgctat actgctccat   1500
tcattctgtaa agttcagttt tattgtgctt gtagttgttc cttctgtgct gtagtgaaa   1560
cttaaaactg gtacacctgt ccctgggttg gggctcagct tttcattatt gttatcctgt   1620
tgctcgtcaa gtgacatgga tccgagctgt ttgttaacca cagaagaagg agaatcagac   1680
tgatgatgtg tgtggtgtcc agatgcctca acagactgcc tttgttcaact gtctggagaa   1740
gatagcaaag gtagtagaat agggctttct gtgggagatg atgtcgaatg agcctgacct   1800
gacattgtag aggatgtaca aggtgaaga aattgttcag ctggagtatc tacttccatt   1860
gcagtttcac cctgtgccga aat                                     1883

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<210> 4201
<211> 1308
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(610)
<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4201

ggcacgagaa	agtcttttga	atgcaaagaa	tgtggaaaat	acttcagata	taactcatta	60
cttattcggc	atcagataat	tcacactgga	aagaaacccat	ttaaatgtaa	agaatgtgga	120
aaagggtttaa	gttcagacac	agccttgatt	cagcatcaga	gaatccacac	tggagaaaag	180
ccctatgaat	gtaaggagtg	cggcaaggcc	ttcagtagca	gctctgtctt	cctccagcac	240
cagaggttcc	acactgggga	gaagctctat	gaatgtaacg	aatgttgga	aactttcagt	300
tgcagctcaa	gtttcactgt	ccatcagcga	atgcacactg	gggagaaaacc	ttatgaatgt	360
aaagagtgtg	gaaaacgatt	aagctccaac	acagccttga	ctcagcatca	gcgaattcac	420
actggggaga	agccctttga	atgtaaggag	tgtgggaagg	cattcaatca	gaaaataacc	480
ctgattcagc	accagcgagt	tcacactggc	gagaaacctt	atgagtgtaa	agtgtgtggt	540
aaaaccttca	gctggtgtgg	aagattcatt	ctgcatcaga	aactacacac	tcagaagaca	600
cctgtccaag	catagggcta	tccatagtta	ggcccaactgt	gcctctcctt	ttttctcttt	660
attttcatgc	tttttatcag	tgtcctcgct	gtccttctctg	gttagacact	tggctttcat	720
catgaactct	tctttaagtt	ttttgaacct	gtttcccca	catgaagtct	ctttatgggt	780
agagaagacc	aaaaaacaaa	caaacaaact	tagaaacata	aaaggaaatg	taagtttcca	840
gatttaaagg	acatgctggg	tgcccagcag	gatggattca	agggaaacct	acattaagga	900
aaattgctgt	gaattatgaa	aacaccaagt	ttgaataaga	ggatcatgga	gaaaaaatga	960
gaccctaaaa	agtcttctaga	gagagaaaaac	aaaagatcag	aaatgaaagc	ggggccaggc	1020
gcggtggctc	gtgcctgtaa	tcacagcact	ttgggaggct	gaggcgggtg	gatcatgagg	1080
tcaggagtcc	gagaccagcc	cgcccaatat	ggtgaaaccc	cgtctctcct	gaaaaaaaaa	1140
aacacaaaaa	ttaccagggc	atgggggcgc	atgcctgtaa	tcacagctac	taaaaaggct	1200
gaggcaggaa	aatcacttga	atccctgagg	caaaggttgc	agtgaagtga	aatcgcacca	1260
ctgcactcca	gcctggggcga	cagagtgtgga	ctttgtctca	aaaacagt		1308

<210> 4202

<211> 2232

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1956)...(1365)

<223> similar to gi3643608 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4202

ggagtaagta	agtttttagtg	cagtgtgaaga	actataggaa	caaaccagac	cagtgaagtc	60
acacaaaaccc	aaaattatta	aagtagtaaa	agtagacctt	agaaaaaata	aggcaggggc	120
atatacctgaa	tggaggtatt	cttgaatttt	catttactct	atttacataa	atatgcagtg	180
tgacactcaa	ctgattttcac	tccaccttca	aggcatgtat	tttggcctca	tactattact	240
acatttgagt	aaacatttaa	cctgattagt	tttaaagtag	caaaggacta	ccaataaaac	300
gaaagttatc	atacaaatgt	ggaaggaagg	accactaaa	cccttgaata	taagcaaaga	360
ggtaggtggc	aaagcagcct	ttttagaact	ttaaaattat	gagtagatat	tttacattat	420
ttgaacaaaag	aacatgttta	gtttcacact	taaggtttac	ttacttacag	attttcttca	480
atttacattg	aacaaaaata	tacagtatca	agtttagcct	gggtgagggg	acatgttttg	540
gcatacttttc	cctatagtag	tagtttttgt	tcaaatat	ttttgaaaaa	tagcttttgt	600
atggaacagt	ataaatgggc	ttatagttca	gatactgagc	aaatacacia	tactactttt	660
tactaacagg	cacataaagg	aaatgacaac	tattcgtggg	ctcaaaaaac	tgcatatttt	720
aactaatatt	caaaattttac	aaatcagtat	ctcagagaag	ttaaagaaaa	tggaaaggaa	780

caaagccctt	ttagaataat	taatatacat	tgccttgctt	ctttccaaaa	ggaacatgta	840
cttgtcacc	tagcttttgt	tatttagagc	actggtacag	atacgctgtc	ccatacatca	900
ggatcaaatt	attagtttca	gtttcacatt	gtaggaattt	aagatttttt	ttttttttaa	960
cacaggaaat	aatctcatca	tttccaaaga	tgtcttcatg	tcccatcaat	gacatgctac	1020
cagacatata	agattccaca	ggataatggc	accaagctac	ccaagtagat	gtttctggta	1080
ttctagactg	cogttcatgc	ttgtttccta	aagtatactt	aaaagtttca	aatacagttt	1140
cacttagaaa	ctgcaaccct	ccaagtaatg	ttatgtttac	ttaggtatta	atgttatgtt	1200
tacttaggta	tgtatcagag	gcaataattt	ccaaagcaga	tcttagaata	taaccaattt	1260
gttagataac	taactttatc	tctatcacat	ctgtttacaa	gcaaagtatt	actttgtctg	1320
gacttatttc	atcttcagtg	tctgggatcg	tgggcaacag	agcagatcgc	gttaagcccc	1380
aaaatttttg	aggtgacatg	tcttttttgg	tggccgtaaa	cttccatcca	atatggcttg	1440
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aaggccggcc	tatcagattc	aagttgcaag	ccttatacac	agtaagtgtc	tcatgcacat	1560
atccatgagg	attcacataa	gctgccatcg	gccacataa	ggataaactg	aatatttcat	1620
ttttggttgt	tatttctgtt	tcttgacatt	gtttacagca	aagggaagta	catttattca	1680
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aaggaagaga	atcatctttt	agattttcat	cccatcaccg	tagctgtttc	ttgattctgt	1860
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cacaatgaaa	ctttctcttc	tggatattct	gccaccattt	atatgaacat	tggctcttct	1980
ttgagacagg	ttttgaagga	aatatctggc	acttattgag	ggattctaat	tgaactgcag	2040
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ctgactgtgt	tcttagctca	aggactttga	acctttgtct	tccaattgct	ttcactttca	2160
ctatctcaat	tccaaaatcc	tgttcttctc	gataggcata	tatctctgct	gttgttccaa	2220
actgtgcttc	cc					2232

<210> 4203

<211> 354

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(126)

<223> similar to gil089850 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4203

ggcacgagct	ggaaaacaat	tggcttcaac	atgagaaagc	tcctacagaa	gaagggaaaa	60
aagagctgct	ggccctaagt	aacgcgaacc	cctcgctgct	ggagcggcac	tgtgcctacc	120
tctaagccaa	gatcactgaa	tgagcggacg	actgaggaca	tatgctttaa	gctcgaccca	180
ttcccatagc	gacgctcatc	actctgcttg	catgctcttc	aaccctcagc	tgtcggtctc	240
cgagctaccc	cctcaatgtc	atgcggcctc	cttcccatcc	gcccttcttc	gccgctgctc	300
agtactccgc	gttaggagac	cttcgtactt	agcggcccgc	tccagagtac	cgcc	354

<210> 4204

<211> 1834
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (1835)...(115)

<223> similar to gi5081374 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4204

tttttttttt	ttaaaaaagg	gtcctatgtg	gaaatgagtg	ggacaatgat	aaaaataaac	60
aaataattaa	aattccaaat	caaaacataa	ctcctggccc	tgagatcccc	agttaatcct	120
ctaagaccac	aatctccaca	ttgtgaactt	gatgctgggtg	ttcttccatc	tcagccacaa	180
ctttctcttc	agtccctcagc	tctgtctcca	agatgactgc	tttgccctca	gtatcttcag	240
cttctgggtc	cggggctgga	tcaatctcaa	tgatggctctg	cccatcctct	gaggtgcttt	300
caacagcctg	aattgccgag	gttaggccgg	actccatggc	caccaattcc	acagggctaa	360
ccatgggtgt	catgttgccc	agtgtactcc	catectgcat	ggcagtagag	ctcagcagcg	420
ccaagctaga	tgaaggggtg	atggctactg	tgtctgggtga	gctgctcttg	gcagaggaga	480
ccactgtggc	atagcggaag	agctgagggc	cagaaggcag	tgtgtggaca	gtcacaggac	540
tggagccctg	gctgaggggtg	gccactggaa	tattgcccct	ggaaaatgac	tgacccactg	600
gggtgatggt	gatgggtgag	atgactgtga	actcaggctg	ctggacagga	ggagaagggc	660
tcaagacagt	ggtaggaggct	ggcggctgga	gccggggcct	ttttggaggc	ttaggagtgc	720
tcacaggcat	cagtaccaca	ttttgaactg	tctgagattt	cagcctgtga	tcctggcctt	780
gcttcttctg	ctcctccaac	tggcgttcca	agtctgtcag	agtatagaga	aactgttctt	840
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caaagtgtgt	tgctacattg	ttgagaacag	cagcatctgt	gacttggaag	ggagcctgga	960
tgagccgctg	ctgaactccc	ctgagtagct	cctctatttc	cttctgtata	ttgcagacaa	1020
cctcttccat	cagccctaca	tcagctattc	ctttccagaa	catcaaagtg	tcctctgaaa	1080
tttctctga	gtctttcttt	acaccctcct	ccgtggccat	ggtgacagca	gcggtgagag	1140
ctgagttcca	ttccagccct	gcctcttcca	tgctctcttc	tgagatggca	atctgcgtga	1200
tgctaccatc	agccgaagtg	ggtgtctgca	ccacacttgt	ctgctgtcct	ggcactggag	1260
ctcttgcact	gctgatcaga	agatcaaatt	tggtgcttct	gcaggtattg	gagcaaactt	1320
tgtcatgttg	gtaaaaaatca	atctgtccgg	agtccatcat	tttcctgagc	atgatcccac	1380
ccagacgaat	agctctcttc	cagtccttca	gagtggaact	gccagccaga	tgaacaaagt	1440
gcttggggct	gatcaactga	tcattgaact	tgacacactt	cacgtttatt	cctggacata	1500
caaacttctt	ccagaggagg	atggctttgc	tctccccaca	agttatgggg	taagcaattt	1560
ccatactctc	atttgcttct	atagtgcctg	tatcaatccc	ttcttcaatt	ttgtgtatcg	1620
tgtgagtttc	tactgctaca	actgccgtgt	tggtctccga	cccagcttca	taaatcctgt	1680
tgtaaaagtg	tccatcgata	aacaaacctt	gttgcacagg	ctgtaactgc	aaaatcactt	1740
gggttttagt	gtcttcagga	ttctcccctt	catttccttc	agtaggtacc	acaaccacat	1800
ccccactgg	gacactcact	tctgcattag	ccat			1834

<210> 4205

<211> 2294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1576)

<223> similar to gi3253159 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4205

acacacctac	cttccccctgg	aggtctgtaa	catttgtggca	ggacaaagat	gtattaaaaa	60
attaacggac	aatcagacct	caaccatgat	cagagcgact	gctaggtcgg	cgccccgatcg	120
gcaagaagag	attagcaa	at	tgatgcgaag	tgcaagtttc	aacacagatc	180
tgaatttgga	atcatgggtca	aagacgagat	gacagacgtg	actgggcggg	tgctgcagcc	240
gccctccatc	ctctacgggg	gcaggaataa	agctattg	cg	acccctgtcc	300
ggacatgcgg	aacaagcagt	tccacacggg	catcgagatc	aaggtgtggg	ccattgcgtg	360
cttcgcccc	cagcgccagt	gcacggaagt	ccatctgaag	tccttcacag	agcagctcag	420
aaagatctcg	agagacgccc	gcatgccc	ccagggccag	ccgtgcttct	gcaaatacgc	480
gcagggggcg	gacagcggtg	agcccatg	ccggcacctg	aagaacacgt	atgcgggcct	540
gcagctgggtg	gtgggtcatcc	tgcccggcaa	gacgcccgtg	tacgcccagg	tcaagcgcg	600
gggagacacg	gtgctgggga	tgcccacgca	gtgctgag	atgaagaacg	tgagaggac	660
cacgccacag	accctgtcca	acctctgct	gaagatcaac	gtcaagctgg	gagggcgtgaa	720
caacatcctg	ctgccccagg	gcaggccg	ggtgttccag	cagcccg	tca	780
agcagacgtc	actcacc	ccgcccggga	tggaagaag	ccctccattg	ccgcccgtggt	840
gggcagcatg	gacgcccacc	ccaatcgta	ctgcccacc	gtgctgtgc	agcagcaccg	900
gcaggagatc	atacaagacc	tgcccgccat	ggtcccgag	ctcctcatcc	agttctacaa	960
gtccacgcgc	ttcaagccca	ccgcacat	cttctaccgc	gacggtgtct	ctgaaggcca	1020
gttccagcag	gttctccacc	acgagttgct	ggccatccgt	gaggcctgta	tcaagctaga	1080
aaaagactac	cagcccggga	tcaccttcat	cgtggtgag	aagaggcacc	acaccggct	1140
cttctgcact	gacaagaacg	agcgggttgg	gaaaagtgg	aacattccag	caggcacgac	1200
tgtggacacg	aaaatcacc	acccaccca	gttcgaactc	tacctgtgta	gtcacgctgg	1260
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ctctgatgag	ctgcagatcc	taacctacca	gctgtgtcac	acctacgtgc	gctgcacacg	1380
ctccgtgtcc	atcccagcgc	cagcatacta	cgctcacctg	gtggccttcc	gggccaggta	1440
ccacctgggtg	gataaggaac	atgacagtgc	tgaaggaagc	catacctctg	ggcagagtaa	1500
cgggcgagac	caccaagcac	tgccaaggc	ggtccagggt	caccaagaca	ctctgcgcac	1560
catgtacttt	gcttgacatg	ttttagtggt	tagcgattgt	gtaccgagtg	ggattcacga	1620
gaccagctac	actcagacca	acagatggcc	agcccttccg	tgacagccag	catcgaacat	1680
gagacgtcat	tgattttatt	agattctccg	ttttccagaa	tgcttccgt	cccagatttc	1740
aaacttggtat	tttgaactgc	agacctgtat	gagaacc	tgcatagga	aatatgggtt	1800
gctaaaatct	ataagctgct	tattaaaaca	gagtc	tgctctaaaa	atctcctaaa	1860
accagtctat	gaactcaggg	ctttaaaaca	tttttaattt	atttggtcat	tcaatttact	1920
tgttttta	acatgattct	ctatgaaatt	gatgggtc	aactagctgt	gaatcttctg	1980
agagtgaag	caacacaaaa	cacaagtgtg	gttttaaagc	cttgaacatt	ctgatgttgt	2040
cactaaagt	gatttccagg	cgatgctcgt	gtgcccctgg	cgtggctcac	ccaagttcct	2100
cgactgaggg	ccggtggcca	tgagaggcg	tccgaggtg	ccgtgttctg	ccagcacgc	2160
ccttcacccg	gcctgaacta	aggagcagtg	gcagaagg	ggcccgtgt	gtttacagca	2220
tttccaggtc	cagagaggtt	ggcagacaag	tgccatttta	ataaaaaatg	tatttaaaaa	2280
aaaaaaaaag	gggg					2294

<210> 4206

<211> 950

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (947)...(898)
 <223> similar to gi3157938 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4206

gatcacagcc	cctaccacag	tgcctctcca	gtacatcggc	cccaaccagc	cccggaagcc	60
tgggctgcct	ggccagcctg	ctgtaagcta	agaaccacc	cacagcagcc	ctcgggggtg	120
tcactgcttc	ctggaggttc	aggagacccc	ggacacctgg	gacctgtgtt	cctgagcccc	180
tcctgacatc	tgtgttcttc	ctgtcagctc	cacgcccggg	cccctggacc	acggggtcca	240
cctctcctct	gtcctgacca	tttattgggg	actttttgct	cagcactgta	ggaggaaaga	300
aggaaggagg	gatggaagcc	tcttcctctg	cttctcctgt	ccctagaacc	gtaaagccca	360
gacgtcctgc	ttcccactgg	gaccctcaat	gataacacgg	gtcagtgact	gactctgagg	420
cagcaaggac	agaggagagg	tggaccccgt	ggtccagggg	cccgggcggtg	gagctgacag	480
gaagaacaca	gatgtcagga	cgggctcagg	aacacaggtc	ccaggtgtcc	ggggtctcct	540
gaactccagg	aagcagtgc	acccccgagg	gctgctgtgg	gtgggttctt	agcttacagc	600
aggctggcca	ggcagcccag	gcttcggggg	ctgggtgggg	ccgatgtact	ggagaggcac	660
gtgggtaggg	gctgtgatcc	gatcagtgcc	gaggtaggac	tggagggcag	ggggcacgag	720
cactgagccg	tccttctgct	ggttactctc	caggagcgcg	atgagaaggc	gggggacagc	780
acaggcggtg	gcgttcaccg	tgtgggcaaa	ctgcagctcc	ccagcctcgg	tctggaacat	840
gatgtggagg	cggcggtctc	ggaagtctgt	gcagttggaa	gcactggtga	cctctccaaa	900
gcggcctcgg	cctggcatcc	aggcctcaat	gtcaaacttg	cgctcgtgcc		950

<210> 4207
 <211> 1165
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1162)...(516)
 <223> similar to gi5262505 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4207

tttttttttt	ttcacgtttg	acattttattg	tttattccca	cacccatccc	atgaaacaag	60
caggactttc	catttttacag	atgtgaaaac	caagattcaa	agagactcaa	taacctgtct	120
caggacaaat	gacagaactg	agacttctga	ctccaaatct	tacgtcctcc	cgccaacact	180
ctttgccttt	ctctttcaca	ccaatggact	ctatgggtga	ccttggcaca	ggttcttcta	240
agaactggct	cttaacaaaa	acttctggcc	attatctgac	tgaatgtcac	aaacaagtgc	300
tgtagaact	tgttagagc	ctttttccct	aaacctgtac	accagctctt	gccttgtgaa	360
tttattcacc	acaaaacaca	tgttcccagg	gggcccaggc	aaaagtctcc	aagtacccca	420
gtcccccttt	ccttcagcct	tgccacaccc	cctcagcctt	cctgggtaat	ccaggcgacc	480
cagggttacc	cagaggtcca	ggtcccagtt	gttcacttga	gcactctgatg	taccccaaac	540
acctgtgtga	aacgtctctc	gtccaggatg	cgtccatagc	gcaggggtgac	gtagaaggtc	600
tgtttcccac	tgtaccgctg	gatacgcaca	aacatctcct	gaggccggtc	cttggtttct	660

gtcaggggaa	tcacatctgc	catgggacag	tatgtgtcct	gccgccagcc	ccagaagttc	720
agatgggcca	cccgcagcat	ggtgccagac	tcattcagat	acaggatacc	aaccagtctc	780
cgtaagaaat	agctcatcca	gcacagcatg	gtcagggcaa	agcccgatat	cccactcatg	840
aggcacacgg	tgttgagagt	gaggaggccc	tgggagtaca	agtaatagcc	tgggtggcaaa	900
gctaccactg	tcagggcagt	ctgtgccaac	ttcagtcgtg	acaggaaccc	gaaggttctg	960
atggcatcaa	aacggtaaaa	catccagaat	ttctcagtct	ctgcgttttg	tagtttctcc	1020
ttcgagatgg	gtgaactgct	gccccaccac	ctcttaggat	cctcctgccc	actgcagcac	1080
cacagcccat	ggagaggcct	ttcccacaca	gcttttcccc	gaaacctacg	cacagctcgg	1140
agaagggcag	ccatggcctc	gtgcc				1165

<210> 4208

<211> 428

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(79)

<223> similar to gi5441325 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4208

ggaattcgag	cgtgtgactg	cggaagctgt	gaagccacgg	gagacctcgg	agcctagagc	60
agcagctcag	cgcttctgtg	agaaattccc	tttcctttga	agttttttgc	cctttatttg	120
catccttaaa	gcagttcgct	tgttttccct	ccttggaaaa	attaattatg	atagtattgg	180
cttatttatg	atcaccaaga	cttgatttcc	cttagcatag	cttacagtat	aagttcacac	240
ttagctttga	gcaccagcac	caggaagaca	gctttttaaa	attacttact	tacgtaccat	300
cttgttccaa	aaaagatttg	tgggtgtaca	aaagctatat	agaatacaga	agatgaaaaa	360
ggaattgagt	gtagccagag	ggtggaagca	gccaggtgt	cccatcaaca	gataaatgga	420
taaacaaa						428

<210> 4209

<211> 557

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(82)

<223> similar to gi205610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4209

ggcacgagct	ggagaatctg	gtaaaagcac	cattgtgaag	cagatgagga	tectgcatgt	60
taatgggttt	aatggagagt	aagtgtcaaa	tctgtgcagg	ggggcaccaa	gtaagaggaa	120
cagactttat	actaaccttt	aggaagtata	ggtgggcttt	gggggctggg	cagccagttt	180
tcacttaatt	tttcttgatt	tacatattag	aaaatcctgg	gaagggtctt	ttagggctcc	240
tcacccccca	cccccttgga	tctttggtgc	aaacaatact	actgatgaaa	gcaccagtgt	300
ttgtgacaaa	catctcccta	tccaagaaa	atcgtgcctg	gttgacaggg	acgcttgaca	360
gcacttgccc	ccgtgacagc	ccctctccgg	gccagggtccc	tgccacagtc	ttcggacatc	420
actgcagtgt	cttcaacgtg	gctttggccg	ccccctcgtc	cggcccacgc	tgatcactgc	480
aaattcacc	cacccacact	cacgcagatt	tcaatgtaat	gaaccaacac	aggatgtttt	540
aaactattag	ggaactg					557

<210> 4210

<211> 2572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2573)...(247)

<223> similar to gi5689373 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4210

ggcacgagtc	tttttttctc	ttatttgtgt	ctcatttcag	atgactgttt	aggttgaaac	60
ataaaattag	acatcggtca	tcgcaaatgt	acctgatgtt	taacatcatg	caccgtcagg	120
acactcatta	gtgatacctg	aactgatcac	gtttcatgaa	atccaaacct	ttcacactgt	180
ctttcaaaac	ggtcatctcc	caatcctaag	gccagggccc	tgaggcaccc	ccgccccggc	240
tggggacact	ccgtacctgg	actctctctg	ttgctgttgg	ccacagctgc	cggcacagga	300
ctttcttgag	gacgtcgggg	aggaggtga	tggtcaccag	cagcacgatg	gccagccagg	360
cgggcccgt	ggacagcatc	tggatgaaca	cgtagtacat	cctctggtag	ttgaggaacg	420
gccagatcac	tcttccccag	agaagtgaag	agacaacgta	gaacagcagc	gacccccaga	480
tgacaaaatg	gttgatccaa	gtccagtagt	gtgtgtccaa	tgcaagcttt	agtgtaaactg	540
tgaacaccat	cacggtgaat	accagcgctc	caaacgtcca	gtttccaaat	atctgcccgt	600
tgcttgtcac	agttgtattt	tcaaacacga	aataagcacc	aaagaagaac	accagtgcgt	660
caaacagtc	caggagcgtc	cagtagatga	acacgcgcca	gcgcagcagg	gcattcttgg	720
cgacgtccct	gtacagggtc	gggtctctct	tgagcacgtc	aatgccaaaca	tgctgctcca	780
tgaggctgta	caggaggatg	gggagggagg	tgaagctgat	gttgtagagg	gtcagatacg	840
cgggtgtcgta	caaagtctgt	tgtgaaaacc	cacagaagaa	ctgggtataaa	aactgagggg	900
agatgaagca	gacgttctta	tagaagaagt	actgcacgag	ctcagagatc	ctaagttaat	960
aaaaatgccc	gtgaacaagc	agcatcttct	tcaaagtctt	aaactttggg	attgcatagt	1020
cgtgttctct	ggcagcctgg	cggccttctc	tgccgatgac	acctatgccc	acgtgcgctt	1080
ccagaatcat	gctgacatca	tttgacccat	cgccaattgc	taacgtgatt	gggtgctctt	1140
ttgaaaattt	gattaattta	acaatctgag	ccttctgcaa	gggcgccatg	cggcagcaga	1200
gcaccgcgct	gcagctccgg	cagatttcca	ggaagagctc	cctgtagttg	ccggaactcc	1260
cgtcttctcg	aggcttcatt	atcagagaca	gtgcagctcc	gtcgataatt	aaaccgtagt	1320
cctgcatatc	tgctgaaagt	ccggagaggt	tgtctctggg	caggctccc	ctgtggcgca	1380
ggaccgtctt	gctcagctcg	aacaggacgt	cgtgcaggct	ctgctcctcg	atcctcttgg	1440
tggtcagctc	cagcagctgc	gtgttcctgc	ggaagagctt	gcaggcgtag	cacgtggccg	1500
cggccgtctc	catcttgtct	cccgtgagaa	cccagacttt	gatcccggcc	ttctgcaggg	1560
cctcgatggg	gtctgcagct	ttctctgca	gccggtcctc	aacagctgta	gcaccaagca	1620

gagtaagatc	tttctctatt	tgctcatagg	cttctgctaa	ctttttctct	cgatcttgaa	1680
gggccacttt	ggcagcctgc	agcagcttac	aaatgccttc	atattcttct	tggatcagcc	1740
ttttataagc	aacacacaaa	gttcggagcc	cctccactgc	gttacgctcc	actctggctc	1800
ggatctgggc	aactttgcct	tctatcactc	gggggaatat	cgaagaatct	gctcctttgc	1860
aaaacagata	aatttctcct	gtacgagatt	ttacaattac	actcattctc	cttctgactg	1920
agtcaaaact	caaaatttcc	agcaattcaa	acctttcgat	gtggttctcc	ctgtttaata	1980
tctccatgta	attgtccttc	agccttaggt	aggtaaagcc	aagtctctgg	acaccttcga	2040
ccagcgccac	ctcgtcgggc	gaggatgaga	tgtacacaca	ggatttcccc	ccgtccggcg	2100
atttcctggg	gccgtctacg	ctgtcatcgt	ctttcacctg	gacggtgtgg	cagagacaga	2160
gggcccggaa	aaacagctcc	tcgcgctccc	tcccgttgac	gctggggggac	gagtcaatca	2220
tgctgattcc	tgacgactct	gggaggacct	gcccgttgca	gatgacgtgg	ggcacgtaga	2280
catggccttc	gatgcagcac	tccttgaact	ccatggtgtt	ttccgtgagg	gtgccgggtct	2340
tgtctgtgaa	gatgtactcc	acctgtccca	gctcttcatt	gaggtccgac	gtgttcacca	2400
gaggccccctc	gccagtctcc	tcgtcaaaca	tgtcttcgtc	ccaggtgatg	aagtaagagc	2460
cgaggaactt	ctgcatctcg	accgtgacgt	acatggacac	agggatgatg	tagttaaaga	2520
ggaccatgaa	ggccaggaag	tccgtgaatg	ccttgaggaa	cagattcctc	tg	2572

<210> 4211

<211> 363

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (363)...(168)

<223> similar to gi929660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4211

ggcacgagga	caaagtcaaa	gaggagacat	ttcacagata	cctcagccag	gcgccatgag	60
gcctatgagg	tcaagaatgg	agagaagttt	gagaaattag	gaaaaaatat	tagcgtcagc	120
acacaagtca	cgtacgaatg	agacaaatcc	tagtgggtcag	atatgttagg	aggggtggacg	180
agtggggaga	tatgtgatgg	ggatgcggga	cttgcgtgat	gtgggggaggt	gggtggcggg	240
ggttgggttg	gggattgggg	ctgtggggag	gagatggaga	gtggtgaggt	gggtgtgtg	300
gggtggggga	tgggtgaagg	ggaggagtgg	gggatgggtg	tgatgggtgt	gggtgagggg	360
ggg						363

<210> 4212

<211> 1153

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (923)...(457)

<223> similar to gi5739567 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```
<400> 4212
tttttttttt ttgcattgta tgtattacag aagttagaaa caaacacctg gatcaattgt      60
aaacataatc ctgaattaca gtattttcca taggacaaaa cacagcaaga cattttctat      120
ttagacaggc aactttttga tatagagctt atttatactg aagaatctgg aacaaaaacac      180
aggacacagt actaatctgt caaatatact atgaaatgca tagtctccac ttaaaatgct      240
gaatgacaca cacgttttgc aagcattact gctttccaca aaaactgctg aataggagtt      300
ccgtccctgc caagatcagt gtttaagaga tactttatga tgctgataag tattattggt      360
ggtggtggtg ttcagaaagt ttgtcactca tgcagatgtc tgaaatcttg ttccgaatcc      420
atggaacata ggggtggaggc cagctcccc ttttttagat gatcacatag ttctgagcag      480
agatgtggtc ctcaccctgc agttcctgca ggagctgctg ctgctgggat ggctgctgga      540
cagaggcctc catggagccc gctgtgctgg tgtcatcaga aagagacgta aaggaaaccc      600
gggatgagag ctgctcaacg gtcagagttg ccaaagctga gctctggcca gagttaggag      660
agttcttgag cataaggtca gaagcaggta agagggggcc tagaagtttt acaggacaga      720
aagctgatcc ggttgggatg aaattaacct tgtttttgtc aggacatgaa aagagagggg      780
ccgagatagg ctgacgagac gccatttcct caaagacctt cactcgctca catccctctg      840
ggggctcccg tttgaacatg tagctgttgt ttggtttggg agatgaagca tacttgggta      900
acggtgagct actcccactg tctgtaaatt taaagcagtt atattaacta gtgattgaaa      960
gctcttttaa atttgatttc caaacaacaa gccttttgca caatttatcc actactgcc      1020
ctatgctttg accagtctcc tttattgcaa agctatttct tataccctgt gtagcacatt      1080
tcttgtaaat aaaaactgca atgcaacagt catctgccac accatagaac ataaaaagga      1140
catttctcgt gcc                                         1153
```

<210> 4213

<211> 406

<212> DNA

<213> Homo sapiens:

<220>

<221> misc_feature

<222> (405)...(137)

<223> similar to gi871299 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```
<400> 4213
ggcacgagga caatggtggt tggaggaaa ggaagggggt ggggcggcct ccgtccttta      60
gtcctgatca aggtgaggag atgcaagtcc attaaaaaaa catttgcttc caaccagact      120
cctttctcag tggtgccggt cccgttctct atcccggtgt ctctcatgct cccggttcct      180
ttcttggaat taatcatcat gccgatcttc attatgaagc agatcccggt gcctcctgct      240
gctctcccgg gaccggctag gtgaccttcc cggggagcga tgtcttttcc tggaagagct      300
cccactggca cccacactgt aggacttggc ttcaatgcca tgaagacagt ccttaagaga      360
ggagatgagg acacggcaac gctcatcatt ggcaaccggg gtattt                    406
```

<210> 4214
 <211> 925
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(926)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (10)...(284)
 <223> similar to gi3309541 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4214

ggcacgagcg	gcacgagggc	tgaacaggaa	aagcgagaga	aaacggcctc	accagcttac	60
acagcactga	ccaccacagc	caaagtccgg	ccaaggaaac	taggattttc	acacttcgga	120
aacataagaa	aaaagaagtt	cgatgaatcg	acggactaca	tttgcccaat	ggagcccagt	180
gacggtgtca	gtgatagtca	cagggctctac	agtggctacc	ggggcctcag	cccccttgat	240
gcccctgaac	tggatgggct	ggaccaggtg	ggacagatta	gctgatgccc	ttgtcacctg	300
ccctctgtgc	accctgagag	ctcacagtaa	cactgtgtgt	gtcaccatat	aactgcacct	360
cacccccgca	cgtgtgcatg	actcgagag	aatattccag	caattgtgta	cccctgggcc	420
agtctctttg	aaccctgagg	gtggccagga	tctggagctg	catctctaag	gggccaggct	480
ttggggacca	ttgccaaagg	tggactcagg	aggaaagaca	cttaaagaca	cttttacatg	540
tctagtaatt	cttgatgttc	atcttcagca	ccagtggaaa	cacatgaact	tcgatgcagg	600
tccagagacc	atggacactc	ccacgaggtc	cagctctcag	gcacccccta	cacttcagtt	660
gagggaaaaag	ctcaagtgcc	ttaggcccg	ggaccacagt	cttggctgag	atcaaaggga	720
tgagcaacag	ggacttctgc	cacagtgaca	atggaattgt	gttgtgcctt	acttcagagg	780
tgggtctcttc	tttcttgtaa	taaaagcaat	atztatgcgg	nnnnnnnnnn	nnnnngggcg	840
gccgttttaa	aggatccaag	ttatacgccg	cgggctggca	aggtaatagt	ttttttatgg	900
ggcccccaaa	attcaatcca	cgggg				925

<210> 4215
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (646)...(487)
 <223> similar to gil872200 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4215

ggcagcagct	ggaagaaatt	taacaaagaa	taggaggatt	tgtacactaa	aaagtacaaa	60
acattgttaa	tagaaattaa	gtaagaccaa	ataaatggaa	aaacattaaa	tgtttttgta	120
tcagacaact	taatattgtt	aaggtggtaa	tactacccaa	attgatgtga	agaaccaaca	180
caattcctat	aaaaatccca	gctggttttt	tgcagaatca	ataagctgat	cctaaaattc	240
acatagaaat	gcaagaaatc	cagaagagcc	aaaacaatac	tgaaaaagaa	caaagttgga	300
ggattcactc	ttcccaattt	caaattgtat	gacaaaacta	ttcaagggtg	ggtgaggtgg	360
ctcgtgcctg	taatcccagc	actttgggag	gccaagggtg	gaggatcact	tggaaccagg	420
agtttgagac	cagcccaggc	aacacagtga	gactccaact	ctataaaaaa	ttaaaaatta	480
gccagggggc	caggtgcaat	ggctcacact	tgtaatccca	gcactttggg	aggccaaggt	540
gggcagatca	cctgaggtca	ggatttcaag	accagcctga	ccaacatgga	gaaaaccctg	600
ctctactaaa	aatccaaaat	cagctgggtg	tggtggtgca	tgct		645

<210> 4216

<211> 951

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(952)

<223> similar to gi4583386 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4216						
atgcgggcg	cggcggcg	ggggggcg	cggacggcg	cgctggcg	gctgctggg	60
gcgctgcact	gggcgccgg	gcgctgcg	gagtagcact	actatggctg	gcaggccgag	120
ccgctgcacg	gccgctccta	ctccaagccg	ccgcagtgcc	ttgacatccc	tgccgacctg	180
ccgctctgcc	acacgggtgg	ctacaagcgc	atgcggctgc	ccaacctgct	ggagcacgag	240
agcctggccg	aagtgaagca	gcaggcgagc	agctggctgc	cgctgctggc	caagcgctgc	300
cactcgata	cgcaggtctt	cctgtgctcg	ctctttgcgc	ccgtctgtct	cgaccggccc	360
atctaccgct	gccgctcgct	gtgcgagggc	gtgcgcgcgc	gctgcgcgcc	gctcatggag	420
gcctacggct	ttccctggcc	tgagatgctg	cactgccaca	agttccccct	ggacaacgac	480
ctctgcacag	ccgtgcagtt	cgggcacctg	cccgccaccg	cgctccagct	gaccaagatc	540
tgcgcccat	gtgagatgga	gcacagtgtc	gacggcctca	tgagcagat	gtgctccagt	600
gactttgtgg	tcaaaatgcg	catcaaggag	atcaagatag	agaatgggga	ccggaagctg	660
attggagccc	agaaaaagaa	gaagctgctc	aagccggggc	ccctgaagcg	caaggacacc	720
aagcggctgg	tgctgcacat	gaagaatggc	gcgggctgcc	cctgcccaca	gctggacagc	780
ctggcgggca	gcttcctggg	catggggccg	aaagtggatg	gacagctgct	gctcatggcc	840
gtctaccgct	gggacaagaa	gaataaggag	atgaagtttg	cagtcaaatt	catgttctcc	900
tacccctgct	ccctctacta	ccctttcttc	tacggggcgg	cagagcccca	c	951

<210> 4217

<211> 2260

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(865)
 <223> similar to gi4322936 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4217

gaggcggaat	tctagaggag	ttggagagaa	ggcgcaaaga	agaagaggag	aggagacggg	60
cagaagaaga	aaagaggaga	gttgaaagag	aacaggagtg	ccgatggcgg	gagatggagg	120
agcaccggca	ggcagagagg	ctccagaggc	agttgcaaca	agaacaagca	tatctcctgt	180
ctctacagca	tgaccatagg	aggccgcacc	cgcagcactc	gcagcagccg	ccaccaccgc	240
agcaggaaag	gagcaagcca	agcttccatg	ctcccagagcc	caaagcccac	tacgagcctg	300
ctgaccgagc	gcgagagggt	cctgtgagaa	caacatctcg	ctcccctggt	ctgtcccgtc	360
gagattcccc	actgcagggc	agtgggcagc	agaatagcca	ggcaggacag	agaaactcca	420
ccagtattga	gccccatgtt	ttgtgggaga	gagtggagaa	gctgggtgcc	agagctggca	480
gtggcagctc	ctcaggggtc	agcaactcag	gatcccagcc	cgggtctcac	cctgggtctc	540
agagtggctc	cggggaacgc	ttcagagtga	gatcatcacc	caagtctgaa	ggctctccat	600
ctcagcgctc	ggaaaatgca	gtgaaaaaac	ctgaagataa	aaaggaagtt	ttcagacccc	660
tcaagcctgc	tggcgaagtg	gatctgaccg	cactggccaa	agagcttcga	gcagtgggaag	720
atgtacggcc	acctcacaaa	gtaacggact	actctcatc	cagtgaggag	tcggggacga	780
cggatgagga	ggacgacgat	gtggagcagg	aaggggctga	cgagtccacc	tcaggaccag	840
aggacaccag	agcagcgctc	gtccccggtc	tcttttagag	cggatgagag	tattctctca	900
gagcctgctt	tccactggga	cctagtgtgt	cctagactat	tccgtgacct	catgagcact	960
tactatgtag	ttctcgtgga	ttcagcagca	ggtcgccttg	tgtttcccct	tctcttcgtt	1020
ggtgtgtgca	tatgtcagtg	cttccccag	caccccagcg	tgtactttat	tttttccttt	1080
tgatttgagg	atatatgata	caggggaaat	ttcagtttgg	tataactact	tttaattagc	1140
ataattattc	attctaagtt	tttgctcaga	aacaaatggc	actggaaaga	aattctttgt	1200
taaagggaga	aagctaagca	gttgcttttt	tggaggaggc	tttatatcgg	tagcctcatc	1260
tcatgttttg	attttgagaa	ggcgaaaagc	ctaaacagga	tctccttgac	tccagagatt	1320
aaggcctttc	acgtctggat	tttttctcca	taggtcatct	ctgaatttga	gcaatgggtga	1380
aacggaatct	gtgaaaacca	tgattgtcca	tgatgatgta	gaaagtgagc	cggccatgac	1440
cccatccaag	gagggcactc	taatcgtccg	ccaggtaccc	gtgtcttctc	tgttgtcaga	1500
ggctgagctt	ctcctgtggt	cattaaccca	cttgtctcatt	cactcactca	tgctgtttct	1560
ccatcatcat	ctgttttcat	gttaacaagt	cccagagggg	caagtgtcga	gtgtcggggg	1620
ctagggaggc	aggtgtgtac	tgcatgcccc	gaaggtagcg	agtagtctcc	accccacatc	1680
gctgtctctc	tgcatgtctg	cggcagccct	cattcaagca	ccgcgctgag	tctcacagtc	1740
tatgtctgag	cgggagagaa	gcccacaggg	agtccttaaa	caggctcaca	gagtgaggaa	1800
gccaggtctg	gagtctggca	gagccagcca	ccatggctct	gcagagccac	gctgggctct	1860
gagtgtctgc	agtgccacag	tgggagcggg	tgaggcaggg	aggacgagcc	tcatcacagg	1920
cccagagact	cggagagcag	aagggttcgg	gaggtttctc	ttctatgttc	caaaatgtta	1980
gttttctcac	ttgttgaaata	attaaatgtg	tgccaccag	atatgctcag	tttgatcac	2040
taagctttat	aactgtctgt	tcattttctta	gcttagactt	aattaaagtg	atacgcttct	2100
catttaaata	gaacagggca	cctattttagt	attttgact	ttgccctaag	tgtgtttcat	2160
gctatggcaa	tgcattcgga	tggaaagtag	gaagaatgtg	gaaaagacca	ggattcagag	2220
aatccacagg	tactttctgg	agctttgcaa	agaaagattt			2260

<210> 4218
 <211> 2077
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (110)...(966)
 <223> similar to gi3941342 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4218
 tttcgtctaa cctcggctct tcccagtcct ctggactata atggggaaca cattgggcct 60
 ggcaccaatg gggactttgc cccgccggag ccccgccga gaggaacccc tgcccaaccc 120
 tgggagcttc gatgagctgc accgtctatg caaagatgta ttcccagcac agatggaggg 180
 agtgaagctc gttgtcaaca aggttctgag cagccatttc caggtggcgc acactataca 240
 catgagtgcc ctgggcttgc cgggatatca cctccatgcg gcctatgcag gggattggca 300
 gctcagtcct actgaggtgt tccccactgt ggtaggggat atggacagca gtggcagcct 360
 gaacgcccag gtcttgctcc tcttggcaga ggggtccga gctaaggctg tcttccagac 420
 gcagcaggcc aagttcctga catggcagtt tgatggcgag tatcggggag atgactacac 480
 agccactctg accctaggaa atcctgacct gattggggag tcggtgatca tggttgctca 540
 cttcctgcag agcctcactc atcggctggg gctgggagga gagctagttt atcaccggcg 600
 gccaggcgaa gagggggcca tcttgacact ggctgggaag tactcggctg tacactgggt 660
 agctacattg aatgtgggat caggcggggc ccatgcaagt tactaccaca gggcaaata 720
 acaggttcag gttggagtgg agtttgaggc aaacacaagg ctacaagaca caacattctc 780
 ctttggttac cacctgactc tgccccaggc caacatggta tttagaggct tgggtgatat 840
 taactggtgt gtaggtgctg tgctggagaa gaagatgccc cctctgcctg tcaccctagc 900
 ccttgaggcc ttctcaatc actggcgcaa cagattccat tgtggcttca gcatcactgt 960
 gggctgaggt tgtccagagc cagccccac agcagctgga acctctgagt cagggtgcct 1020
 agggccaaag actaggcccc tcttcagagc ccaccttgc gggatgatctc taggaccag 1080
 gagcagagtg gtggacagga ccatgccctc ctcaagaactg gagctgccaq aggggcagtt 1140
 gatgaggcag aggtttgagg atccccctc tgctaccagc cccagtatca ccttccccat 1200
 gctcttggtg ctgtggacta agggagaagg attaaggggt atggctgaat tccccggca 1260
 ccccttgccc tcaggcttcc ttcttccttt ccctttggtt aatcctgcat gggattagct 1320
 gaccatcctg ttttccatcc cagagcctcc caaggctggg aaagtagggc tgaagggtca 1380
 gatgtttggt ctcaggaagt ggggcccacc cattcccaga aggagcttct ttacctctta 1440
 gccctgaggt ttctctcttc ccatcttctg tgcttccaga gaacaacttt gttcctatgg 1500
 tcacccccac tatccccatg accgcatgaa gaggcagtta ttgctttagt ctttcattgc 1560
 aaccactggg ctccctttga acccgcccca atctttgggt ccagcatttt cccactccag 1620
 tgtatccagg gtgttccagg tgagctgggg aaggaaagtga gcatggcctc agctgcagat 1680
 ctccctggagc agcggcatca tggcagacag gccctggatg tgctggattt ggtaccctga 1740
 ggcctcatta atgctccgga gctcagccag caggcctagc aacttcgcat acagaaacct 1800
 ttggaggaag tagtgggggt gccaggaaaa caggagggaa ataaggcagt tgggagtctt 1860
 gtctctaggc cctgatcccc tgaactattc ctcaagtgaag ccaggtctga acattataga 1920
 aaatcatgct ctggtatgac agactatcag aggttccaaa ggtcctccag ggggcctcgg 1980
 tctgacactg tcttctctca ccatgctcag ttttttctga acccagagct ctgagagccg 2040
 agtgtgaaga aagctccaga cttggccaga acctcac 2077

<210> 4219
 <211> 2398
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (24)...(892)
 <223> similar to gi3876073 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4219
ggcagcaggc taatgatcct gattatctga aacgtcaagt tggtttctgt gcccagtgga      60
gcttagacaa tctcttttta aaagaaggta gacagctgac ctatgagaaa gtgaacttga      120
gtagcattag ggccatgctg aatagcaatg atgtcagcga gtacctgaag atctcacctc      180
atggcttaga ggctcgctgt gatgcctcct cttttgaaag tgtgcgttgc accttttgtg      240
tggatgccgg ggtatggtac tatgaagtaa cagtggtcac ttctggcgtc atgcagattg      300
gctggggccac tcgagacagc aaattcctca atcatgaagg ctacggcatt ggggatgatg      360
aatattcctg tgcgtatgat ggctgccggc agctgatttg gtacaatgcc agaagtaagc      420
ctcacgtaca cccatgctgg aaagaaggag atacagtagg atttctgtta gacttgaatg      480
aaaagcaaat gatcttcttt ttaaattggca accagctgcc tcctgaaaag caagtctttt      540
catctactgt atctggattt tttgctgcag ctagtttcat gtcatatcaa caatgtgagt      600
tcaatttttg agcaaaacca ttcaaatacc caccatctat gaaatttagc acttttaaatg      660
actacgcctt cctaacagct gaagaaaaaa tcattttgcc aaggcacagg cgtcttgctc      720
tggtgaagca agtcagtatc cgagaaaact gctgttcctt ttggtgtgat gaggtagcag      780
acacacaatt gaagccatgt ggacacagtg acctgtgcat ggattgtgcc ttgcagctgg      840
agacctgccc attgtgtcgt aaagaaatag tatctagaat cagacagatt tctcatattt      900
catgacacat gtgaagaggc atcgtggact ttttctact caattccagc caatggtgaa      960
aagaaaaaga aaaaaaaaaa tctctaataca gttgtacaca cattgaaact tatagccatg     1020
gccagatttt atgctaaaaa tggtagtttg tcaaagacaa aattctctta gaatctaata     1080
caacttgcca gccctgagaa aatccctttt aaggccaagg aaagctgaat gctagcagcc     1140
aggcctgtgg tacttccatg agaaaccata gcagacaatg cctcccaag tactgaaatc     1200
acactggaat ccccttggtt ggggttcattt gattgtttaa cacaggatgt gttgtgtcat     1260
tctgaagttt ttatttgggg cagaagtctt tatggagatg taaatgacag cgtttctggg     1320
ttatgcataa cttctcactg gtcagagaca cgggtgtgtc aagcatggat attgcattgc     1380
aagacttgaa tctataaaaa ttagaatcac acagtcagta ctacaagcaa aacagagAAC     1440
ctgaaagaag gtgcacagac tgtaagaaaa aaccaagtt tgtgatattt cagtgattcc     1500
aaagaacatt ctaggttttt tgtttgtttt tttgtttttt ggggtttttt tttttactgc     1560
aaaaaatggg gggatatttt acattcatag tgtttctatc caatttcagt acccacattt     1620
aatgaggaaa aaatgtttta ccaatgaagg aggaattctt aaattagctg taatgttagg     1680
ttggagaaaa tttggtattt agggatattt caaggtaacca tcaaatacaga tttctgtttt     1740
tttgttaaaa aaaatttttt taatcagtat tgtttttaca agtaatatata tttgaaactc     1800
ttgaactaat agtctcaaaa actctagagg acagtctgag aacacgtatt tctattgttc     1860
taaataaata catgtttttg aatagttcaa tcatgaatta ttgactatgt cttcatcaaa     1920
agtgttaatc cctctcaggg tctctgggtg agaccttcaa gagtttggtt ttttctccca     1980
ggaaattgga aggtagaatt gtaaattcat agaacttctt ttataatggt gtacctcagc     2040
agctgccttt caatttatgc caagtcctta cagagtttat acttgaatag taaatatgtc     2100
ttctgagttt tacagtgtct taaactcaat gcacattttt ttttcttctt tttccacccc     2160
ttcttgtttg tagttcatta tacctgtcct attacagaac tgatttcctt cctggctgta     2220
catgttgggg tgctggattt ttttcgtgtt ctttagtctt ccataaatcc acacacacac     2280
acacacacaa aaaatatata tatatatata tatatatgta ggatacatgt tctcttcttt     2340
agcttggtgt gaatacagta atttgcattg aagaataaaa catctgttgc cttttttg     2398

```

<210> 4220
 <211> 1246
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1247)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (319)...(422)

<223> similar to gi5069431 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4220

ggcacgagca	aaaggatgac	atccaaggaa	agataactga	atcaatgtga	agtctgtgag	60
tccctccagt	tgtcttcttc	ctcatcagga	ctaaaactgg	acttaagagg	cagcgatcca	120
ctaagcactg	cttctgttca	gaaataagaa	ggaaggaatt	catacagaga	actcgtatta	180
agccagtagt	ttgtgtctac	ttgtgatcct	cttgtgggtat	gtgataccat	atagaaatag	240
taaagaaatg	gctatatctt	tgcttttatg	attagaagta	gcacattaaa	tgatgtggtc	300
tgtctgttgc	cactcactca	gctccatctg	atccactgga	actccactct	gtttggcagc	360
attgatgagg	ctgtggggaa	gccgcacgga	atcgccatca	ttgctctgtt	tgttcaggta	420
aacggtctgc	tgtgattatc	gcattgttta	gagatgctaa	tttctaaatc	attttgtaaa	480
atTTTTTTTat	tctcaatttt	attgcttaga	gatgaaatta	cacacataga	gagaacacct	540
gataaaaaaca	gaaaacttga	tccttatggt	ttatcggagt	tcagacatat	tcattggtag	600
aaaatagttc	ctttattttat	tagaaatttt	cttcagagta	gcattcaggg	tctttggaga	660
aatgatttag	aaaatgactc	ctgaaggtag	agttttatttt	atgaaaaagg	atttcagaaa	720
atgtctttag	accctgggtt	acagaaaaat	ctacaaaaaa	aatcaataac	aataatagaa	780
gtatgtagta	gattacttta	gcccttcttt	attaacaatt	ttcactctga	gatgacttga	840
aatgccttat	aggaaacact	gataaaaaatc	agactggcaa	agaccttggc	agatatagtc	900
aatataacat	ttggatttga	gctctgtggt	aggcaaagaa	gagtatataa	atttacccaa	960
acatatgaaa	gcaggccacg	tgctttcaga	ggtaaaaact	taactccagt	ttttaaggcg	1020
aacttctaaa	ttttgtctta	ttacctgttt	gacatcgtaa	aagattttaga	ggtgaaagag	1080
tatccgggaa	atTTtagcct	taaagctgcc	catcaggacc	aggaaccag	agttgcagct	1140
ccnggtggc	tccgggctgc	ccattgggat	acccggggat	tagagcctgt	tagcncagtg	1200
gtcctccaga	accttaattt	ccccaaagaga	gtccgataat	gggccc		1246

<210> 4221

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1078)...(464)

<223> similar to gi2822157 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4221
tttttttttt ttgacagtaa gagcaggttt actgttggca acagcacagc cctgtggcac      60
ccaagggtag cgggtggggg ggcggccggg tctcctgggg ccccgttctc cctcccattc     120
tctaggtccc tggaggccag acccctgggt gcggcccatc ctagcagtgg ttctggctgg     180
gtctgtcctg ggcaggagag gagggtccct ggagaggcag tgatggctac agcgtctgta     240
gggagctggg gacacttccg gccagccatg acaggcccaa gcctgctcag ctctgcactt     300
ctggggatcc ccttattcct gactctcccc cctccccccac ctggaagaga cctaggccct     360
gcaccctaata gaggaggacc ggggtgaggg ggtgcagagt gtccctggggg ggctccgagc     420
gcttggcagg ggactcagca aggggagcgt agggcgggcc tcacgtctgc agctccagga     480
ggcagttggg ctctgagggg ggggagccgg ccgggctgga gctatgggccc tcgaggaggt     540
cctgcagcac ccggagcagc cgggccaatg agtcctcggg gactttgccca gggctcgtgg     600
gcaccgtgcc tgcctctgcg cccccgctca gctcccggtg cctctcccac agcatggcct     660
ccacgccagc caggtgccgg tagatgagct gggcctcaag gtcattggtca agagggtcatt     720
tccactcctg cagggtcacc cgtgaccggg tcttatcgca gccctgacct gtcttctctt     780
tttgggtggca gcagctccac ttgtccccac ggaagacgcc aggggtggtag gagcccagca     840
gtccggtggt gttgatgctc accttccgca gcgcagacag ccactgggta agctcattca     900
cacacttggg gctgggcgtc ttgcggaagc tgagggcctc ggtagttagg gagaagtaga     960
gcttcttgaa ggaggaggac atgagggggc ccttgccctt ggtcctgtgg atgaagagtg    1020
gcccctcctt cacaggtggc gcctgcaaac tcagcgtccg ctgcagggtcc agctctgccca    1080
ggccagggag ggaggggaat agagagccca gtgaatgagg gcgggactgg ggggagcgga    1140
gcagtgggag gggccatggg gctcaagggc tgagcaaadc tgaacagcag gcagtggacg     1200
tagtcactcg tgcc                                     1214

```

```

<210> 4222
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (5)...(158)
<223> similar to gi344410 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4222
ggcacgagcc cgcaagcaga tcgtagctgg ggtgaactac ttcttggacg tggagctgag      60
ccgaaccacg cgtaccaaga cccaacccaa cttggacaac tgccccttgc atgaccagcc     120
acatctgaaa gggaaagcat tctgtctttt ccagagctag cctgacaacc cggcattcaa     180
gtaacacatt cccaattaac accggtgctc aaatcatcgg caatcccatg ccaacaggac     240
tcggctccgc atctaagcca ttcaggggtg gacctccgcg acgattctga cgatgagctc     300
tctgccatgg ttgtaagata atcgaccgca atgtcctgtc aactn                               345

```

<210> 4223
 <211> 1945
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1755)...(956)
 <223> similar to gi3327172 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4223
tttttttttt ttaaattttt aagagctcaa aggtatacag gcagaaagtg gaaaatctca    60
ctactacttt ttattctaag ctacagggtg ttcagatata tatttcacaa ccaagaccat    120
gaaacccatc atagtatttg tgactactat gaaaactatg acatgtcagt cagccttgct    180
gctgtctgtg tgctgtatat aagtccatta catattccct ataggctggg attgaaaacc    240
tgaaaatgaa atgaagtccc tagagaaact tggccatgct ggggtgctttt taccaagttt    300
ggcaataaaa aaaaaaaaaa atcagtgttc aaaggagaca taaaaaagtc catttaatgt    360
aggcagagga tgtttagggg gggttacaatt tctatcccct gggggaaaac ccaatacttg    420
gtagaaggat aaagaaaaaa ccacgtgaaa taatactgaa tagcaccaga atagccttac    480
actaaagctc gcatgcgcac agggctggga ggatggcttc ctcttgccag gccctttagg    540
tcatttcagc aattgttctg ttaaacatag cattaatgtt atcaagacac agcaagcagc    600
agaaagcttg tggagtcaca ttcatagtg tctcatctcc aaatcagata aaagtgggat    660
acagggttcc atccagaaaag cattcagtc gagcaagtta aagtcagtac tttctaacat    720
acttttaaga tacttatgct gaattagccc aaggagagaaa aattaatgtg cttgatgtat    780
ttactaagac ttgcatctca agtcttcaat aatgcctatt tttgaaagaa acctaggcaa    840
cgaattgaag agacttgga atgtgccaat tccctaaatg tttttctccc tgtgggataa    900
ttttttttta agggacaata tatttgagga gaagagatta ttcttggtgc acctacctaa    960
ccactgtaca aaagacttca ccatagacat tatactcttg atatcccaa cataggagta   1020
catgtcataa agaattgtcc tgttggcaca attggagagc cgagtgaaca ttcccatcac   1080
tagtccacac atctcttcaa acttggctgc tctgaccgc cattcttcaa ttttttcaga   1140
gtcttttctt ttgcaattga cactgacaac actactattt gctcgaagcc attgaaattc   1200
ccgtaacatc tgtgtcctt tgggtccatg ctctgaagga aggtagaata gatcagcaag   1260
taactgcaaa tctccagggt tcaactgggtc cgcagtgtac aaaggctttt catttggacc   1320
tggcacaacac tgctccttgt ttgtctgttc atcagtttgc atggggggcaa tgtcactaat   1380
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gtccatttgt ttcaattcct ctgccatttt cgcttcaaca atttcactca gtatttgatt   1500
gtcattcttg tgggtccgtt ctctctgttt ttccaccacc atgtccatgg gttcttcac   1560
aggctgtttc ttttcttctt ccttggtcag agtagtaggc tcaccactca aggctgtccc   1620
ctggctcata atgggtcctt gataaactgt tgttactacg gttgtggcat ttaaagaggg   1680
tgctgcaact aaaggagtcc catcaactac acttgcttta gctccactgt gtgcaacttg   1740
cctacctaca aaaataaata aatgtataaa taaaatgggtc acacagataa tcagaattag   1800
agatagaaca cattagattc agaaagatgc tttatcatat ttgttaagtg gaacctcaat   1860
tttagatcca aattaatttg acctctaaga aaaatgagat ttctctatac tactagggat   1920
gcaggaatgg aagggcgttg ggaggg                                     1945

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<210> 4224
 <211> 2298
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (374)...(1967)

<223> similar to gi5805194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4224

tcatcacgcc	tagcttggca	cgaggcaata	gacgcccaga	tagtaaggag	gctgaggcaa	60
gacaatttat	tgaaccacg	aggcggaggt	tgcagtgagc	tgagattgtg	ccactgcagt	120
ccagcctggg	caacagagt	agactctgtc	tcaaaaaaag	aaaaaaagag	ctaaatgttt	180
ttaaatttcc	agagctaaat	atthttgtaaa	gaccattttac	aaaaggcctt	catttttatag	240
tggtagccag	gtcaccctt	tccatccata	acctgaggaa	caggaaatta	ggaccctgt	300
gaaggtggct	gagggcaagg	agagaggggt	cctcctctgt	ggcctgcatt	tgagtgtctc	360
ttcttcccag	tagcaagaat	ttcgactggg	agtgcgactc	tactcagagg	aacagccaca	420
ggaagctgtg	ccccacctag	aggcggcgct	gcaagaatac	tttgtggcct	atgaggagt	480
ccgtgccttc	tgcaagggc	cctatgacta	cgatggctac	aactaccttg	agtacaacgc	540
tgacctcttc	caggccatca	cagatcatta	catccaggtc	ctcaactgta	agcagaactg	600
tgtcacggag	cttgcttccc	acccaagtcg	agagaagccc	tttgaagact	tcctcccatc	660
gcattataat	tatctgcagt	ttgcctacta	taacattggg	aattatacac	aggctgttga	720
atgtgccaa	acctatcttc	tcttcttccc	caatgacgag	gtgatgaacc	aaaatttggc	780
ctattatgca	gctatgcttg	gagaagaaca	caccagatcc	atcgcccccc	gtgagagtgc	840
caaggagtac	cgacacgcga	gcctactgga	aaaagaactg	cttttcttcg	cttatgatgt	900
ttttggaatt	ccctttgtgg	atccggattc	atggactcca	gaagaagtga	ttcccaagag	960
attgcaagag	aaacagaagt	cagaacggga	aacagccgta	cgcatctccc	aggagattgg	1020
gaaccttatg	aaggaaatcg	agaccttgt	ggaagagaag	accaaggagt	cactggatgt	1080
gagcagactg	acccgggaag	gtggccccct	gctgtatgaa	ggcatcagtc	tcaccatgaa	1140
ctccaaactc	ctgaatgggt	cccagcgggt	ggtgatggac	ggcgtaatct	ctgaccacga	1200
gtgtcaggag	ctgcagagac	tgaccaatgt	ggcagcaacc	tcaggagatg	gctaccgggg	1260
tcagacctcc	ccacatactc	ccaatgaaaa	gttctatgg	gtcactgtct	tcaaagccct	1320
caagctgggg	caagaaggca	aagttcctct	gcagagtgcc	cacctgtact	acaacgtgac	1380
ggagaagggtg	cggcgcacat	tggagtccca	cttccgcctg	gatacgcccc	tctacttttc	1440
ctactctcat	ctggtgtgcc	gcactgccat	cgaagagggtc	caggcagaga	ggaaggatga	1500
tagtcatcca	gtccacgtgg	acaactgcat	cctgaatgcc	gagaccctcg	tgtgtgtcaa	1560
agagccccca	gcctacacct	tccgcgacta	cagcgccatc	ctttacctaa	atggggactt	1620
cgatggcgga	aacttttatt	tactgaact	ggatgccaa	accgtgacgg	cagaggtgca	1680
gcctcagtgt	ggaagagccg	tgggattctc	ttcaggcact	gaaaaccac	atggagtga	1740
ggctgtcacc	agggggcagc	gctgtgccat	cgccctgtgg	ttcaccctgg	accctcgaca	1800
cagcgagcgg	gacaggggtg	aggcagatga	cctgggtgaag	atgctcttca	gccagaaga	1860
gatggacctc	tcccaggagc	agcccctgga	tgcccagcag	ggcccccccg	aacctgcaca	1920
agagtctctc	tcaggcagtg	aatcgaagcc	caaggatgag	ctatgacagc	gtccaggtca	1980
gacggatggg	tgactagacc	catggagagg	aactcttctg	cactctgagc	tggccagccc	2040
ctcggggctg	cagagcagtg	agcctacatc	tgccactcag	ccgaggggac	cctgctcaca	2100
gccttctaca	tgggtgctact	gctcttggag	tggacatgac	cagacaccgc	accccctgga	2160
tctggctgag	ggctcaggac	acaggcccag	ccacccccag	gggcctccac	aggccgctgc	2220
ataacagcga	tacagtactt	aagtgtctgt	gtagacaacc	aaagaataaa	tgattcatgg	2280
ttttttttta	aaaaaaaa					2298

<210> 4225

<211> 1006
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature

<222> (934)...(534)

<223> similar to gi4008446 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4225

gtcgactttt	cagaatgtga	agattttact	cttggtctaa	ttttccctc	cactcagtgc	60
taagctgagc	ctccagatgc	tgttacctca	gatttaata	ctggttgaaa	ctccgtataa	120
tctgtagagc	ctccatggct	ctaaaatttg	gaattaactt	ctctttcttt	aaaatgaagc	180
ttttatacat	agctatccac	atatgtacaa	gcagctctta	aggcaagaga	agttaattcc	240
aaattttaga	gccatggagg	ctctacagat	tatacggagt	ttcaaccagt	gattaaatct	300
gaggtaacag	catctggagg	ctcagcctta	gcactgagtg	gagggaaaaa	ttaagccaag	360
agtaaaatct	tcacattctg	aaaataatag	tggcaaaaca	taacactcct	ggactgcggg	420
aaataaaaatt	gagagggaca	tgattagaag	taaacttcta	gaattctact	aattccaggt	480
tcttcaaatt	ggtacaactg	gtgacaatcc	cagagtcacc	agtcatacaca	tcaaagtttg	540
atagagaaag	atgaccacac	ggagcagcct	tgctgtgctt	gaggattgtt	caacacttga	600
aatgagcttc	ggatcagttc	ttggctgaag	tccacctggg	cccctttcac	gaaggccaag	660
ctatcagagt	caaccaccac	tcttgcccca	ccctgttcaa	ataccctgtc	gtcgggggtg	720
ataactgtat	ccagtgaaaa	tttgtattgg	aatccggagc	atccacctcc	ctccacttgc	780
agcctgagga	attctgaccc	ttcggtgatt	tccaaaagcc	tctggacgca	actgtctgtg	840
aggcggatct	gcccttcgcc	ggcctcgggg	ctggaggacg	acgcctcccg	acgcgcctgg	900
ggccccaggg	aggccgtgag	gagcctgccc	ctcgccagg	gagtgaccgc	tctctgcgtc	960
gcggccgtta	gggacgaccc	ccaggcggca	gccatcttct	cggtgcc		1006

<210> 4226

<211> 990

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (267)...(426)

<223> similar to gi2632247 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4226

catgtgtatc	tgctgtctct	tagcccagac	ttcccgtgtc	ctttccactg	ggccttttggg	60
aggctcacagg	gtcttgatgc	tgtggtcttg	atctgcaggt	gtctgacttc	cagcaactgc	120
tggcctgtgc	caggggtggaa	gctgagcact	ggagtggagt	tttctgtgtg	agaggagcca	180
tgcctagagt	gggatgggcc	attgttcata	ttctggcccc	tgttgtctgc	atgtaacctta	240
ataccacgac	caggcatggg	ggaaagattg	gaggaaagtt	gagtgagagg	atcaacttct	300
ctgacaacct	aggccagtgt	gtggtgatgc	caggcatgcc	cttccccagc	atcaggtctc	360

cagagctgca	gaagacgacg	gccgacttgg	atcacactct	tgtgagtgtc	cccagtgttg	420
cggaggtgag	aggagagtag	acagtgagtg	ggagtggcgt	cgcccctagg	gctctactgg	480
accagcgtct	cctgtctcct	ggagaggctt	cgatgcccct	ccacaccctc	ttgatcttcc	540
ctgtgatgtc	atctggagcc	ctgctgcttg	cggtggccta	taaagcctcc	tggtctggct	600
ccaaggcctg	gcagagtctt	tcccagggaa	agctacaagc	agcaaacagt	ccgcatgggt	660
catccccctc	actcccagct	cagagcccag	gccagggggc	cccaagaaag	gctctggctg	720
gagaacctct	gcatgaaggc	tgtcaaccag	tccataggca	agcctggctg	cctccagctg	780
ggtggacaga	cgggctggag	aaggggagaa	gaggaaagga	agttgcctgc	catgtctcct	840
acctgaggct	gaggaaggag	aaggagatgc	actgttggag	agacagctgt	aactcaaagc	900
cttagcctct	gttcccacga	aggcagggcc	atcaggcacc	aaagagattc	tgccagcata	960
gtgctcctgg	accagtgata	cacaccggcc				990

<210> 4227

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (941)...(296)

<223> similar to gi3954938 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4227		
tttttttttt	gatgttttag aactttaatt atgaaaaagg gataaacaat tcaagatggg 60	
ggaaccagcc	ccaaactggg ctggggcaga gagagaccag tccccagcca tacaatagca 120	
gcaaggggaa	gaccccaccc cacagatgct ctgcccagc cttcccaga gaccttaaatt 180	
aatttaaata	gcagggatgg cggagggcag gttgcctttg gtgtctgcc aatgctaaga 240	
tgaggggcag	cgccggccca gcctcagcct cgggcagggc tctggggctg ctgcagggct 300	
gggaggtatt	tgagggcagc agcccatgg tggcgggaca agtcctgggtg gaattcgtcc 360	
ttgagggcct	ggaggcagtc acgatagggtg gggctggagc ggaagcggga gatgtccagg 420	
cttgagagcgt	ggggcagatg gatggtgaag gcctcgggca gcaccaggag ctcatattcc 480	
tgggcatcca	gctccacaat gtgggccact ttgttcagc cgaagccac aaagcgagga 540	
tcatagcggg	gacagtctcg tggcaccacc acgtagggtt catagttagc cgcccattgc 600	
acacggtacg	gggcctgagc ctcccgccag cgggcatagt ctgtgggtgc gtggcctcgg 660	
ggccactcgt	ggtacctgaa ggtgtagaga gtgccgcct ccagcaaggc caacagctcc 720	
accttggaa	gggggaagct gaagcggtag cgcagggctt caaatgccg caccaccagt 780	
gctgccttgc	gccggctgcc cagccccagc tgctcaatgg aggcctgag gtagtcgtag 840	
agagaatagg	caggcaggaa gtcaatgtca ctgaggaaga cgtaaggcgt gagggcctgg 900	
gccaaggcca	cgttgcgaag ctggttgacg gggatatagg ggctggctgg ggcacacaaa 960	
gagcctcgtg	cc	972

<210> 4228

<211> 2671

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(1099)
 <223> similar to gi4689328 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4228

cccacgcgtc	cgctttgact	ccagtcgtgt	gtatgctgtc	tgcaattgcc	ttttcaaagt	60
tttttgagca	ctatttgggg	gatgacatga	aaagggaaaa	tccacctgtg	gaggacagca	120
gtgatgagga	tgacaaaaga	aaccaaggaa	atttgtatga	taaggcaggt	aaagtgagga	180
aacatgcaac	tgaacaggaa	aaaactgaag	agggattagg	ccctaataata	aaaagcattg	240
tcaccatggt	gatgctgatg	ctattgatga	tgtttgctgt	ccactgtacc	tgggtcacaa	300
gcaatgccta	ctctagtcca	agtgtagtcc	tggcctcata	caatcatgat	ggcaccagga	360
atatcttaga	tgattttaga	gaagcttact	tttggctaag	gcaaaatata	gatgaacatg	420
cacgagtaat	gtcttggtgg	gattatggct	atcagatagc	tgggaatggct	aatagaacta	480
cgttggtgga	taataacacc	tgggaataaca	gccacatagc	actggtggga	aaagctatgt	540
cttctaata	aacagcagcc	tataaaatca	tgaggactct	agatgtagat	tatgttttgg	600
ttatttttgg	aggggttatt	ggctattctg	gtgatgatat	caacaaattt	ctctggatgg	660
ttaggatagc	tgaaggagaa	catcccaaag	acattcggga	aagtgactat	tttaccaccac	720
agggagaatt	ccgtgtagac	aaagcaggat	cccctacttt	gttgaattgc	cttatgtata	780
aaatgtcata	ctacagattt	ggagaaatgc	agctggattt	tcgtacaccc	ccaggttttg	840
accgaacacg	taatgctgag	attggaaata	aggacattaa	attcaaacat	ttggaagaag	900
cctttacatc	agaacactgg	cttggttagga	tatataaagt	aaaagcacct	gataacaggg	960
agacattaga	tcacaaacct	cgagtcacca	acattttccc	aaaacagaag	tatttgtcaa	1020
agaagactac	cāaaaggaag	cgtggctaca	ttaaaaataa	gctggttttt	aagaaaggca	1080
agaaaatatc	taagaagact	gtttaaatgc	actgttctgg	ttcetaaact	gaagcagttg	1140
tccttgtagg	aaccgggtctt	tgccttttagc	tcattgtcgtg	tttcacagca	aagaggggtac	1200
agaaccatca	ctgggtccagg	ttaatgtaca	aaattttctg	gcaatgcctg	attaaaaaaa	1260
taaaattggc	ttggtgagaa	cagctgtttt	cgattttctaa	tgtgaagcaa	gacagagcac	1320
tgctgtaaat	gtctagcagc	agattttttt	tttattggta	catattatcc	ttcaaactctg	1380
agaatttgga	ctaactgcac	caaagaacct	tctaatttgg	tccttggcac	atgcatactt	1440
gtcaatgttt	ttattctttt	acaagacctg	catttttattt	gaattaccctg	aatagcaata	1500
tgtaaaatac	aagtgacaaa	atgtgatgag	agcttcttga	accggtaaac	tagtacaggt	1560
ctgagaaaga	catattagaa	gaatcattat	acttccttga	attatattta	ttttcatggt	1620
tctctaattg	aaagaatggt	tcattcaaatg	tatatattct	gttgcttact	gtttgctctg	1680
agaagaagct	gctgtttcaa	agatggacct	ctgagtagct	aattgattca	agtagttttt	1740
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atttcataca	tcattcatte	aagggtctaaa	tttatatttt	ttggaaatca	tggcaactac	1860
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ttacatgcaa	aagattaagg	aaaaaacctt	taaaagtgag	aggtatccaa	agttcatttt	1980
ctgtgactca	tcaaagtgc	aaaagacttg	taacaacttt	gcctggactt	ttttcatttt	2040
acaacagttc	atccattcac	aatgattttg	ttctctgctc	catatttttt	aatcccttaa	2100
gcatttgatg	aaacactctt	tagtgctata	tgcattttct	tacttttggt	aaaaatgtga	2160
caattgtcaa	aaaatgcact	aaaatgtaaa	tggagattga	acaagttcac	tttccagctt	2220
ataggcaact	ttatacagac	ttgaacattt	tctccagttg	tttagtaaaa	gtgaaagaga	2280
aagggttttt	cctgccacag	gatataactt	ttttttatat	aacaagcata	acacaccact	2340
gcttttggtg	gaaaagtgc	gaatagtatg	taccttttat	gaagaaaaat	gtaatttaca	2400
atattcagtg	agaatgttac	tgctgatttt	cttttccaag	gtgtagaata	ttctttgatt	2460
tatagaattc	atttttgacc	cagatgatgg	ttcctttaca	gaacaataaa	atggctgaac	2520
attttcacaa	atagagtgtg	acgaagtctg	gatttctgat	accttggtcat	ttgggggatt	2580
ttatttttact	ttgttgcttt	aaaattcaat	gcagagaagt	tggtgactgt	aggggaaata	2640
aagtttaattc	aaattttgtg	tcaaaaaaaaa	a			2671

<210> 4229
 <211> 391
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (249)...(313)
 <223> similar to gil81395 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4229

ggcacgagag	cacatcatca	gtaacatcac	tgtcccccca	ttgcaagcag	caaccgtgac	60
tgtaccttcc	tttcccctgc	atggatgtgg	ggtctcattc	attcattatt	cccttccctaa	120
atcatgcagg	gtttgggcag	ggtggcctgc	ggggagcaga	gagaaggcgt	ccattgccca	180
ttgcactagc	tagagacaca	cccattctgc	ttcttccatt	tacctttctg	cctgggggttt	240
cctttcagat	tccccacctg	aaaaggggac	acattgagga	ctgtgggcac	tggacacaga	300
tggacaagta	aggaggttgg	gggctcctgg	ggtcggggag	agcagggccc	cccgttcacc	360
ttccataaaa	gctttcctgg	tttcattgtg	c			391

<210> 4230
 <211> 1054
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1047)...(965)
 <223> similar to gil418942 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4230

tttttttttt	tgactggata	tcatctttaa	ttaataatgc	cacagcccaa	tgtctttttt	60
gttgctgtag	caaatttgtga	ttgtgtgtgc	gtgtgtgagt	gtgtgtgtgt	gtgtgttcct	120
gaacagatga	agggccagca	gagactccca	agcaggtctc	agccaacaac	tctgttgagc	180
agcaactgga	agatagtctc	catagaggca	cagaggccag	acttctgcct	cctatgggca	240
ttgatccttt	ctcctgggcc	acctttcgtg	cattgagggc	aaggctgagg	cctgtaccag	300
cccagattaa	aggacttcta	agcacaggtc	agcctccagt	tcccagtact	cactggcctc	360
tgaccagagg	gatgccctgg	gtagagtata	gacttccagg	cagaggtgga	taacctgcgc	420
tggccttggt	cccatgtcat	actggggcag	caccacaatg	gcccagccct	ggcagaaaat	480
ccagagctac	tggagccact	tgattgatta	ctttcagaga	taatcaggat	gtagcaaagg	540
ccttttttgg	ggccagctgg	agaaggccag	actcagcttg	tggggggccac	aggaagtgtg	600
ctccaaccca	aacttaaaag	cctgccctct	tgccatctcc	attctccaat	tcctcaaagt	660

cccagtaggt	ccacagccca	ggcatggcag	catagtgtca	gcgtgacagt	gggttggaag	720
ataacccatga	gagacctggg	ctgaactgga	cctgcggcca	tatgtcagcc	tgaaaccagc	780
cctttccccc	atggtcaatg	ccagccagag	ctctctgaag	ccggatggga	ccccccacag	840
gcaaggcagc	aagttcttgg	cctagtgcag	agggagaaaa	ccaaactggc	tccactgtcc	900
catctccatc	tgctctgtgc	cttatgaagg	caagaagccc	aagtccccag	gacggcggtta	960
tcagctgttg	gggaagcacc	gttgtccagg	tgaggcctcg	ggccggaagc	tgtgtttgtt	1020
cagggggcct	gggtagtaag	tagtcgctcg	tgcc			1054

<210> 4231

<211> 1532

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (209)...(436)

<223> similar to gil389694 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4231						
tttttttttta	acttggcaaa	gaggcttttta	ctggaagttc	aggaaatata	aatgcaaagg	60
caaatggcca	agccagcagt	acgtagtgtg	tgctaattgga	cgaagccata	aggtagccat	120
gatgtggcag	gggagggagg	gaggctgagg	ctggtgggct	ggaagctgcc	tgtgacctcc	180
tcccggcccc	actgtgtccc	tgcccccca	ggtgctgcgg	ctgctcatca	cggcctggga	240
gagaagactc	atcttcacta	tcggcacgtc	caacaccacg	ggcgagtccg	acaccgtggt	300
gtggaacgag	atccaccaca	agaccgagtt	tggatccaac	ctcacgggcc	acggctaccc	360
ggacgctagc	tacctagaca	acgtgctggc	tgagctcaca	gcccagggcg	tatccgaggc	420
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gcaaatgcct	ccttcgccag	gtgtgtcctg	gtagcccagg	ttcagggctg	gggaggagcc	540
tgcggaaggg	gccgcagcca	ttcaggggac	ctgcctggtg	gcagctggga	tgaagagaga	600
tggcatgtca	ggctggcccc	gaatcatagc	tccctgagag	ggccaagcag	agagtactgg	660
aaacctccct	acaaaaaaga	cagagaccgg	ccccctcaca	cacaaacaca	catgtcctgt	720
tgaactcatg	cacgcacacc	cacgtgcctg	tacttgcccc	caggctggaa	gagaagagac	780
agaaagacct	catgaccccc	ccatgtggat	ccccatctgt	gtctcagttg	catctgtaca	840
gccttgctctg	caaaactggag	gatgcggggc	aagcccttag	gggcctgcca	gggctcgggg	900
ggcaaagagg	gactcgggaa	actcagtgtta	ccccagatgc	ctcaccattt	ccgtgtcatc	960
acccatgtct	gccaccactt	gattggggcaa	ttgtggggccc	atgggggtgga	agccccaga	1020
tgactgagca	gttctacaaa	aaatggccag	cacgagcggg	gactagaggg	tcctgatttt	1080
gtgtctgtgc	ctcttcactc	ctctggactc	tgatctcctt	ctcccttccc	atctccaggc	1140
cttctgtctg	tcccagataa	aggcgtgttt	ctcccatcct	ccctacccca	tcctctccac	1200
caaatcgctc	ccaattttga	gagccaaagg	ctggcgcttc	tgacttcagg	agcgaaagga	1260
ggaggcctag	tttgggccga	tgtattttta	agcagagtgg	acagcagaga	gtcaatttcc	1320
ctttcgtttg	gagtgggcag	tggggtggct	aattgtcttc	ggccaaccca	ggggcctgtt	1380
gcccaggcaa	ctcaccagct	ccgcctctgc	tgattggctg	ccacgggtggg	agtcagccaa	1440
gatttaaaag	gatgccagcg	attgctcttt	tcaaaaccta	ccagtcccac	tgtgggtgga	1500
gaaataaatg	gtcttttctcc	tcaaaaaaaaa	aa			1532

<210> 4232
 <211> 3109
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(2619)
 <223> similar to gi940536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4232

ggtggtggaa	ttcgggtactc	cgagcactat	gtcgtccccg	gcgtcgaccc	cgagccgcgcg	60
cggcagccgg	cgtggaaggg	ccacccccgc	ccagacgcct	cggagtgagg	atgccaggtc	120
atctccctct	cagagacgta	gaggcgagga	ttccacctcc	acgggggagt	tgcagccgat	180
gccaacctcg	cctggagtg	acctgcagag	ccctgctgcg	caggacgtgc	tgttttccag	240
ccctcccaa	atgcattctt	cagctatccc	tcttgacttt	gatgttagtt	caccactgac	300
atacggcact	cccagctctc	gggtagaggg	aaccccaaga	agtgggtgta	ggggcacacc	360
tgtgagacag	aggcctgacc	tgggctctgc	acagaagggc	ctgcaagtgg	atctgcagtc	420
tgacggggca	gcagcagaag	atatagtggc	aagtgcagc	tctctaggcc	aaaaacttgt	480
gatctgggga	acagatgtaa	atgtggcagc	atgcaaagaa	aactttcaga	gattttcttca	540
gcgttttatt	gaccctctgg	ctaaagaaga	agaaaatggt	ggcatagata	ttactgaacc	600
tctatacatg	caacgacttg	gggagattaa	tgttattggg	gagccatttt	taaagtgtgaa	660
ctgtgaacac	atcaaatacat	ttgacaaaaa	tttgtacaga	caactcatct	cttaccacaca	720
ggaagttatt	ccaacttttg	acatggctgt	caatgaaatc	ttctttgacc	gttaccctga	780
ctcaatctta	gaacatcaga	ttcaagtaag	accattcaac	gcattgaaga	ctaagaatat	840
gagaaacctg	aatccagaag	acattgacca	gctcatcacc	atcagcggca	tgggtgatcag	900
gacatcccag	ctgattcccc	agatgcagga	ggccttcttc	cagtgccaaag	tgtgtgcccc	960
cacgacccgg	gtggagatgg	accgcgggcg	cattgcagag	cccagtgtgt	gcgggcgctg	1020
ccacaccacc	cacagcatgg	cactcatcca	caaccgctcc	ctcttctctg	acaagcagat	1080
gatcaagctt	caggagtctc	cggaagacat	gcctgcaggg	cagacaccac	acacagttat	1140
cctgtttgct	cacaatgatc	tcgttgacaa	gggtccagcct	ggggacagag	tgaatgttac	1200
aggcatctat	cgagctgtgc	ctattcgagt	caatccaaga	gtgagtaatg	tgaagtctgt	1260
ctacaaaacc	cacattgatg	tcattcatta	tcggaaaacg	gatgcaaaac	gtctgcatgg	1320
ccttgatgaa	gaagcagaac	agaaactttt	ttcagagaaa	cgtgtggaat	tgccttaagga	1380
actttccagg	aaaccagaca	tttatgagag	gcttgcttca	gccttggtct	caagcattta	1440
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tttttagtcac	actggaaggg	gcaaattttc	ggctgagatc	aacatcttgc	tgtgtggcga	1560
ccctggtacc	agcaagtccc	agctgctgca	gtacgtgtac	aacctcgtcc	ccaggggcca	1620
gtacacgtct	gggaagggct	ccagtgcagt	tggcctcact	gcgtacgtaa	tgaagagccc	1680
tgagacaagg	cagctggtcc	tgcagacagg	tgtcttctgc	ctgagtgaca	acggcatctg	1740
ctgtatcgat	gagttcgaca	agatgaatga	aagtacaaga	tcggtattgc	atgaagtcac	1800
ggaacagcag	actctgtcca	ttgcaaaggg	tgggatcctc	tgtcagctca	atgcgcgcac	1860
ctctgtcctg	gcagcagcaa	atcccattga	gtctcagtgg	aatcctaaaa	aaacaaccat	1920
tgaaaacatc	cagctgcctc	atactttatt	atcaaggttt	gatttgatct	tcctcatgct	1980
ggaccctcag	gacgaagcct	atgacaggcg	tctggctcac	cacctggctg	cactgtacta	2040
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tgcctacgcy	cacagcacca	tcatgccgcg	gctaagttag	gaagccagcc	aggctctcat	2160
cgaggccttat	gtagacatga	ggaagattgg	cagtagccgg	ggaatggttt	ctgcataccc	2220
tcgacagcta	gagtcattaa	tccgcttagc	agaagcccat	gctaaagtaa	gattgtctaa	2280
caaagttgaa	gccattgatg	tggaagaggc	caaacgcctc	catcggaag	ctctgaagca	2340
gtctgcaact	gatccccgga	ctggcatcgt	ggacatatct	attcttacta	cggggatgag	2400
tgccacctct	cgtaaacgga	aagaagaatt	agctgaagca	ttgaaaaagc	ttattttatc	2460

taagggcaaa	acaccagctc	taaaatacca	gcaacttttt	gaagatattc	ggggacaatc	2520
tgacatagca	attactaaag	atatgtttga	agaagcactg	cgtagccctg	cagatgatga	2580
tttcctgaca	gtgactggga	agaccgtgcg	cttgctctga	agccttgatg	gcaaggaagg	2640
ctccctgcat	gtcctgcttg	ctgcacgcc	catgggtgtg	gtctgcatct	cagttggccg	2700
ccatcagtgt	aaatagagct	taaagtcatg	gtttggctgc	ataaaaaatt	tctaacttgg	2760
gttcaatatt	tgtagtgaag	tatctgtttt	catttttttc	acgttataaa	taaaaatact	2820
atgctggccg	ggcgcggtgg	ctcacacctg	taatcccagc	actttgggag	gccaatgtgg	2880
gtggatcatg	aggtcaggag	ttcaagacca	gcctagccaa	gatggtgaaa	ccccgtctct	2940
agtaaagata	acaaaaaatt	agctgggctt	gatggcatgc	gcctgtaatc	ccagctactc	3000
gggaggttga	ggcaggagaa	tcgcttaaac	ccaggcggca	gaggttgacg	tgagccaaga	3060
tcgcgccact	gcactccagc	ctcagcaata	gagtgagact	gtctcaaaa		3109

<210> 4233

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(208)

<223> similar to gil770466 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4233

gaaaaaaatg	atgttttctga	gaataatcgg	aaaagggaag	aaataccact	ggatttttaa	60
accatagacg	atcacaaaaac	caaggaaaac	aaacagtcac	ttaaagaaag	gagaaacacc	120
agagacgaaa	cggatacttg	ggcatacatt	gctgcagaag	gtgatcagga	ggtttttagac	180
agcgtgtgcc	aagcagatga	gaattcagat	ggcaggcagc	agattctgag	tttgggcatg	240
gacctgcagt	tggaatggat	gaagttggaa	gattttccaa	agcaccttga	tgggaaagat	300
gagaattttg	ctgcaacaga	tgcaattcca	agtaatgtgt	taagggatgc	tgtgaaaaat	360
ggggattata	ttactgtaaa	agttgcactt	aattcaaagt	aagaatataa	cctggaccaa	420
gaggattcca	gtggaatgac	actggtgatg	cttgccgccc	ccggagggca	ggacgacctc	480
ctgcgactcc	tcatacaaaa	aggcgcgaaa	gtgaacggtc	ggcagaagaa	cgggaccacc	540
gccctcattc	atgctgcaga	gaagaacttt	ttaacaacag	tggctattct	tttgggaagca	600
ggagcttttg	taaatgtcca	gcaaagcaat	ggtgagactg	cactgatgaa	ggcctgtaaa	660
agaggaaaatt	cagacatcgt	acgactcgta	attgaatgtg	gagctgactg	caatattttg	720
tcaaagcacc	agaatagtgc	cctgcacttt	gcgaagcagt	ctaacaatgt	gcttgtgtac	780
gac						783

<210> 4234

<211> 349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(161)

<223> similar to gil871136 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4234

ggcacgaggc	cttctggaga	agagcagaga	tacacatgcc	atgtacagca	tgaggggctg	60
ccgaagccgg	tcaccctgag	atgggagccg	tcttcccagt	ccaccgtccc	catcgtgggc	120
attgttgctg	gcctcgctgt	cctcgccctt	ctcttcttgg	aaccccgctc	gtcgttgact	180
tcgtggctgg	agatgttccc	taggccgata	tcaccgctaa	tggtgtaatg	gtgtagttaa	240
cgcccctgaa	ctccctcttg	ccttgactaa	aaattctgga	gctatcattg	tcattttcag	300
acgtatgcta	cgcccagctc	tgcttttgca	ccttattcct	tggtggtag		349

<210> 4235

<211> 3076

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (3077)...(457)

<223> similar to gi5262605 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4235

tttttttttg	gggttatacg	gaccatttaa	tgctttttcc	actcacatgg	tttcaacttt	60
gggcttattt	gccaaaatct	aggatggaaa	agtccagtta	tgaacatgtt	cctcccggct	120
ggattttgat	cttgaagaca	ctaaacccaa	tttcagagca	tatttaatcc	tgggctattg	180
ctgaggccga	cttagaagag	acaaagttag	atgcgaaaga	ggagaatttt	tatgatagtt	240
tgtacgttac	aaatacccaa	gaaactattt	tctttacacc	attattgcca	tgactttttg	300
tggacagttt	cacataactg	taaagtccag	gctgctcggg	tctgaccctt	acagacctgc	360
catgttgaag	cccagctttt	tcgctcccgc	acaggtaaga	agctgctgat	cttctgcaga	420
cccgccatgt	tggggcccag	ctccccacgc	caagtcagaa	gctgctcatc	ttctgcaaca	480
gggtttggcg	ccgttcttca	gggccgatgc	cctcagcaat	ggactttaag	aagcactgct	540
cgtgtgccct	ctggagcaag	gagctgacag	aagggttggt	cttgctcaaa	gtctcatagc	600
aggtgagggt	ttccaaggct	aaaacgtaga	gtggctcaca	gacctccggg	tggagcatgg	660
ccatgatgtg	cagagcatgg	cagaacacct	gggtgtaaac	aaacaggggt	tcctgggtca	720
ggtcctgctc	tggtccttga	acccaagggc	cagctgcctg	tatcgccctg	actgagtcca	780
ggaggcgggt	cagactgcca	cagaggagtt	tgaccacgtg	gttccagcct	tccagaggaa	840
gccaattacg	acagctatgg	ctgcagagaa	actggaaagt	cctcaggaag	aggacggaga	900
gttgcaactc	ctgggcaaaag	ggcttcaggt	tgagcagggg	aacaaactga	atatattcca	960
ggctataaag	gacatggagg	agctgcttct	ccagcagctc	cctggtcagc	tggtgaaggc	1020
gctgcactc	ctgagggctg	caccaaggca	tgacttgcac	cagggccacc	agaaagcctt	1080
tgctgaacag	tctgacctcc	tcaggattgc	ccacgtccac	caccaagaga	gacagcatcc	1140
tctccgagat	gccgctggag	acgcagcagc	actccatcca	ggccaggagc	cccgtgccag	1200
ccccgtaccc	tgggtggggc	tgggaggtcc	actcgtcttc	tgaaagctta	cagatctcaa	1260
aaagtgtggc	tggcacttca	cacttgaagt	gcccctcgaa	gaagctcttc	agcctcaggc	1320
ccacagtcca	gtctagctgt	tctaacttgc	ggtggagcca	ggacagggac	ttgatccaga	1380

catccgggga	gaaggtctca	gcattggctg	atacaatctc	acacaggagc	tccaggatat	1440
ggatcgctag	atccttccta	tccaaagaga	ggcaccgctt	ctccttggga	agctgccagt	1500
atttgctgaa	gcggtccaag	agctggcaca	agctgaagag	gagtggaaac	ggggagcagg	1560
tctggagcca	gtattcctct	cggcacgcgt	ttgcctctag	agtctggatg	aagatcctca	1620
gactgaggtc	tacctcttca	acatctaacc	tcaagaaagg	caggacaaat	tccttcagca	1680
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ggcagttcag	gagctctaaa	aattgctttt	cttccttggg	tgtagagaac	ttcatccaga	1800
cggtttcttt	gaggcatgac	accatgaaag	tggcagatga	attgggaccc	tgctcttcca	1860
caaacctaa	ggcaggaag	gcagtgagaa	tctggcccag	gaacttgtag	gtgccgagat	1920
tgaccacagc	caggctgcac	atcttcttca	cctgacttcc	cgggtgcact	atgaccaggc	1980
gggccacgga	ggccacagct	tttgccaaag	cctgttcgga	ggcactctga	gtgagctggt	2040
taaaagtgtg	attgaggtct	tcctgaaaac	cctccacata	agccagcaac	ttttcagaga	2100
ggccctttcg	ccccaggaa	cgcaggatac	ctgcaaggac	tttattttta	cctggcaggg	2160
agaggtctgc	gtaacattcc	aggatcaggt	ggatcacctg	ccggatctga	gactcagggg	2220
tggctctgtc	agctgtgctg	acgtctatca	ctgtttccag	cagcctcaac	accaagtctg	2280
gctctcggaa	gagggccctg	ttactcccca	ggcaggctac	ccactcgtec	gagaaggccc	2340
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tgacggccat	ggcaatggaa	gctgtgatat	cctccaaggc	cctgttcttc	agcacctgac	2460
tcgttttctc	caggaagtcc	ctgacacact	cgcacagctc	agaggccacc	tgctgtctct	2520
ccttgacag	gctggtgcgg	ttcaggtaga	gcgtcgcgtt	ctggctgaag	gaagtcagac	2580
tgtcgcacag	ccggtagctg	tcgtaacttg	tcccctggct	gctgcggagc	acggcctgca	2640
actcctcccc	ccactcccgc	agcaggtggt	gcaggaactc	gcagcccacg	aaaatggtct	2700
cactggggag	tttggccagc	gaggtcaggc	tgacatcccc	ttctgcctcc	ttcaccttct	2760
ctgccagcgc	ctgctggtgg	tagggattct	gggtgtccga	gttccacaca	gagatcaccg	2820
tggccagttt	gtccagatac	acggttgtag	acacctcctg	ggggtcgtec	tctgtcagcg	2880
caaacacagt	cagcatgtca	gccaggttgg	ccagcgcaca	gcacttcctc	cccggggcca	2940
ggatccgact	ctggatctgt	gtcagcccgc	ggagcagcat	ggccaacagg	ggcatggtgg	3000
ggcacgcgtc	tgggtctgac	ctaagcctct	ttggaggatg	ggggaactca	tctaaggcag	3060
gcaggtactt	atgggc					3076

<210> 4236

<211> 1171

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(955)

<223> similar to gi3063517 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4236

ctcaaccgca	agactcctgg	gatagttttc	ctctttttcca	actgcttaat	aatttcctcc	60
gaaatgacac	actttttgtg	aatggaaaat	ttcacaacaa	cttgcaagaa	atctttgtac	120
ccttggttgt	ccgctatgtg	gatctcatgg	agtcttccat	cgcccagtc	attcacagag	180
gtttttgagca	ggagacatgg	cagcctgtca	agaatatcgc	caacagtctt	cccaatgtag	240
ctcttccaaa	agttccaagt	ctgcctctta	atcttccaca	gattcctaac	atttctactg	300
cttcgtggat	gccttcttta	tatgagtcca	ccaatggctc	agcaacatca	gaagaccttt	360
tttggaagct	tgatgcactg	caaagtgttg	tctttgatct	gcactggcca	gaacaggaat	420
ttgcccacca	cttagagcaa	agacttaaac	taatggccag	tgatatgcta	gaggcctgtg	480

tcaaaagaac	aagaactgca	tttgaactca	agctacaaaa	ggcaagcaaa	acaactgact	540
tgcgcattcc	agcttccgtt	tgactatgt	ttaatgtatt	agtcgatgcc	aaaaagcaaa	600
gcaccaaact	ctgtgccctg	gatggaggac	aagagtttgg	tagtcaatgg	caacagtacc	660
attcaaaaat	agatgatctg	atcgacaaca	gtgtaaaaga	aatcatttca	ctgttagttt	720
caaagtttgt	ttcagtgttg	gaaggcgtgt	tgtctaagct	gtcaagggtat	gatgaaggca	780
ctttcttttc	atccattctg	tcattcactg	tgaaagcagc	tgcaaaatat	gttgatgttc	840
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ttcttcgaga	aaaggtcaat	gaggaaatgt	atatagaaaa	gttatttgat	caatggtaca	960
gcagttccat	gaaagtcatt	tgctgtgtgt	tgactgatag	attagacctc	caactccata	1020
tttaccagct	gaagacgctc	atcaagattg	tgaagaaaaac	ctacagggac	tttcgattgc	1080
aggggtgtgt	ggaaggaaca	ctgagcagtg	ggacttatga	tactgcgcac	agacgtttaa	1140
caggaaagga	gggcacagcc	tctgtttcaa	c			1171

<210> 4237

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(156)

<223> similar to gi4512103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4237

aaaaatcaga	agggaaacgag	aaaagtgaag	atgctgaagt	tttggatgcc	acaccttctg	60
gtattatgaa	gacagataac	acagaagttc	ttctctctgc	tgacttcact	ggagcaatca	120
aagtgtttgt	taataaaaga	aaaaatgtat	cttaatttga	aatggcattt	aaaataaaca	180
tatcagtaag	tttctatatg	tatcaaaact	gaaaaaatag	tgttccaggc	taacatactt	240
ttttaatttt	tattgaaagt	tgttcaaata	taatataatt	tttgagaggc	agtgttaatg	300
atctaggaaa	ccctgggctg	atagagtaga	aaggaatatg	gctagaataa	cattgccaaa	360
cattaggctt	tatgttttgt	tatgttttgt	ttttcgttgt	ataattatga	acatgcacaa	420
gtttctgcat	gaaaagatat	taatataatta	atcacatgta	tgtgcctttt	ggttacatgc	480
attaaatcta	acagagttaa	attatttcag	tggctctttt	ggcctcttac	taggggggat	540
agtcttgttt	ctagcttaaa	caattttttt	tttgcacaaa	atttcatttt	taataaaagt	600
ggtatctttt	gactgagtta	ttgttttgaa	aatggtatat	aggtttccag	taggtcaaca	660
accatatgta	aatggttttt	ataaatttct	caattggggg	acaagatttt	tttgtggtct	720
aaattgtggg	gcttaagatt	cttttcttta	tatgtgtaca	tataattttt	ttttctttgc	780
cacactggag	cacaatgttt	ctatgtaaag	aattattttc	attctttatc	catgagcacc	840
aggctttgct	cacttaaaaa	aaaattaagc	cacattaagg	agtgagtctt	cttttttaca	900
ataatgtaaa	aattaaactg	tttacatttt	tttaaagcat	tgtagttttt	aaaaattaag	960
ctgttttgtt	ttgtgttgtt	gaatttgaaa	gcctttgtaa	atatcaatat	aatgtaccaa	1020
tgaataaaca	tctggggcaa	tgaaccctg	atcatgttgt	tgatgggttag	catatgtttc	1080
tgaaaattaa	atatgtatta	ttaaaagttg	gtctcc			1116

<210> 4238

<211> 1016
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (658)...(362)
 <223> similar to gi505104 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4238

tttttttttta	acataacacc	agtgtttatt	ggaagcacia	gcttctttta	ttttaaacaa	60
aacaaaaacca	aaaacaaaa	accaatgagg	ctaccaaaaca	ggcatcttta	tttgtaaaca	120
gcttaacact	gaaaataaaa	ataagactat	gaaagaacaa	tacactctcc	attcttctag	180
aatcagaact	tagcatgtca	ttatgactta	agagtcacga	gagatgcacc	actgaagaag	240
tgtattgtca	acctttcatg	ctcaatttag	ctagtctctt	tgacaaatta	accttacaga	300
ataccacaca	aaatgggtgat	tcctcaactc	atattagctc	aaattccata	cacaaacaca	360
cctcctcttc	ttcatcagtg	ctcttccttg	atggcacatt	agaagcactt	tttgtctcct	420
cccctaaagt	agaagcatca	ccattagaag	cctgggttcc	ttgttctgct	tcccactcct	480
gcaatacctc	ctctaagtta	aaccgacgcc	tgtagtttac	aaagaagttc	ttcacttggc	540
caacagtctt	gttgccaatt	acatctgcaa	tagcttgaaa	atctttacca	tatttgcgga	600
caccttgcac	tgctagaagc	tgctcctctg	tggccaacg	ggcattaatt	ttctgatttg	660
actacaaaat	taaagagaag	tttcctaagt	aggatatgaa	gacagacatt	ttccaaagcg	720
cttatttttt	taaattttca	tcaaatacaca	gacatgagat	tactacaact	ctgattcatg	780
aagattccat	ttttagaaaag	attaaaaata	tatattctga	gttacctttt	adccatgcag	840
aaagataatg	aaagggaaat	gtaccaattt	gcaagaagga	gcaacattcg	catttatgct	900
ctaattaccg	atatcgcccc	atgagaaaagt	ctattagttt	cacatttccc	aaaagggttt	960
cactgtgtag	cagcactggt	ctcgctttcc	tgccgtaagc	tcggcgaatc	tcccc	1016

<210> 4239
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (334)...(460)
 <223> similar to gi5679136 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4239

ttttttttttc	aaggtaatta	acctagatat	ttatttgtat	cactgctgtg	tgactgtcaa	60
gtatttgtca	ttagtttgta	cacacacca	gccctactct	caaataagac	aaagagatga	120
atatactgca	agtgtgtgta	caccatgggg	aagggctgga	ggtgtgtgag	cactatagga	180
cctataggca	gcctgtaatt	gtcatcacct	atggacagag	ggattaagaa	ctctgtaatc	240
accaagatcc	ccagaattgt	taacaacttg	tcttccagat	agttttcatc	aaagatgcta	300
ttatttcagt	ctccttcttt	tacttttttag	gtgggtccgag	acattctgct	gattggacat	360

agacaggctt	ttgcatgggt	tgatgagtgg	tatgacatga	caatggatga	agtccgagaa	420
tttgaacgag	ccactcagga	agccaccaac	aagaaaatcg	gcattttccc	acctgcaatt	480
tctatctcca	gcatccccct	gctgccttct	tccgtccgca	gtgcgccttc	tagtgctcca	540
tccacccctc	tctccacaga	cgcacccgaa	tttctgtccg	ttcccaaaga	tcggccccgg	600
aaaaagtctg	ccccagaaac	tctcacactt	ccagaccctg	agaaaaaagc	caccctgaat	660
ttacceggca	tggcactctt	cagataaggc	catgtcggcc	caaatctgag	taactttata	720
taaatatctc	atggggggtt	tatattttca	tttggtgttg	ttgttttttt	ttaaggaatc	780
ttctgatagg	ggaaaaagac	tgctttgtca	ttcaaacatg	ttccttcgac	cttaaaaaaa	840
aaa						843

<210> 4240
 <211> 2736
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2737)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1)...(1657)
 <223> similar to gi2204213 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4240						
ctcacaaaat	gggatctctt	tggttaattgc	tacagattat	tgaagactgg	aattgaacat	60
ggagccatgc	cagaacaggt	agtcgtgcaa	gcactgcagt	gttcccatta	ttcgattctt	120
tggcagttgg	tgaaaattac	tgatggctct	ccttccaaag	aggatttggt	ggtattgagg	180
aaaacggtga	aatccttttt	ggctgtttgc	cagcagtgcc	tgtctaattg	taatactcca	240
gtgaaagaac	aggctttcat	gttactctgt	gatcttctga	tgattttcag	ccaccaatta	300
atgacaggtg	gcagagaggg	ccttcagcct	ttggtgttca	atccagatac	tggactccaa	360
tctgaactcc	tcagttttgt	gatggatcac	gtttttattg	accaagacga	ggagaaccag	420
agcatggagg	gtgatgaaga	agatgaagct	aataaaaattg	aggccttaca	taaaagaagg	480
aatctacttg	ctgcttttcag	caaacttatc	atztatgaca	ttgttgacat	gcatgcagct	540
gcagacatct	tcaaacacta	catgaagtat	tacaatgact	atggtgatat	tattaaggaa	600
acactgagta	aaaccaggca	gattgataaa	attcagtggt	ccaagactct	cattctcagt	660
ttgcaacagt	tatttaatga	acttgttcaa	gagcaaggtc	ccaacctaga	taggacatct	720
gcccattgtca	gtggcattaa	agaactggca	cgtcgctttg	cccttacatt	tggattggac	780
cagattaaga	cacgagaagc	agttgccaca	cttcacaagg	atggcataga	gtttgcattt	840
aaataccaaa	atcagaaagg	acaagagtat	ccacctccta	atctggcttt	tcttgaagta	900
ctaagtgaat	tttcttctaa	acttcttcga	caggacaaaa	agacagttca	ttcataccta	960
gagaaattcc	ttaccgagca	gatgatggaa	aggagggagg	atgtatggct	tccactcctc	1020
tcctatagaa	attcattagt	cactgggggt	gaagatgata	gaatgtctgt	gaacagtgga	1080
agtagcagca	gcaaaacctc	atcagtaagg	aataagaaag	gacgacctcc	acttcataaa	1140
aaacgagtag	aagatgagag	tctggataac	acatggctaa	acaggactga	caccatgatt	1200
cagactcctg	gccccctgcc	agcaccacaa	ctcacatcca	ctgtactgcg	ggagaacagt	1260
cggcccatgg	gagaccagat	tcaagaacct	gagtctgaac	atggttctga	accagacttt	1320
ttacacaatc	ctcagatgca	gatctcttgg	ttaggccagc	cgaagttaga	agacttaaat	1380

cggaaggaca	gaacaggaat	gaactacatg	aaagtgagaa	ctggagtgag	gcatgctgtt	1440
cggggtctaa	tggaggaaga	tgctgagccc	atctttgaag	atgtgatgat	gtcatcccga	1500
agccagttag	aagatatgaa	tgaagaattt	gaggacacca	tggttattga	tctgcctcca	1560
tcaagaaatc	ggcgagagag	agctgagcta	aggccagact	tctttgactc	tgcagctatc	1620
atagaagatg	attcaggatt	tggaatgcct	atgttctgaa	gtctgaagaa	aatttacaaa	1680
tctggaactc	tattatttag	agctagaggc	ctatatactg	tgatagcttg	tatggggaaa	1740
aacacttttg	atgtgatctg	atgtgttttt	taatcaaattg	attaaggtca	atcccttttt	1800
gcagtgcag	aagaggagca	tgtaaattac	ccaagggaa	gttgggtgaat	gtcaactcag	1860
aaagactgac	ctgaaaatca	tttgtgtcct	actattggac	ttatcccaat	acagatgtgt	1920
gtgtttttct	ggaggaggga	agaaatttta	aatttttaaa	acagctgtca	agataaacac	1980
tggtatacac	ctgttttatg	aaaactcaac	attgagtaaa	aaaaaacata	tttttaactt	2040
tattttcctg	ttgtacaatt	taaaaaccgt	tttaacattt	tgctttttta	tgtttttaaaa	2100
gctaaccatt	tttattaaac	ctatgaggta	aggcaggctc	atcctaattg	cgaagagtgt	2160
tttgggagtt	cactggggat	ttgggttgga	cctttgtggg	ggacnacaaa	taatgaagga	2220
gcagaacatt	gacaagctaa	gatggaaatt	ccctgaccat	aggtaccatc	ctcctgcccc	2280
aaaaccacac	caccctctg	tggatatgga	tatgaattcc	ccccagattt	tatanacctc	2340
cttgaataaa	aggtttattt	ttattttataa	gtgggcataa	aataagaaat	gtccatgcag	2400
ccatttttcc	aacagatgct	gtacaccggt	cattttatat	agactaggga	gattcaaata	2460
cagtgcattt	tctattggta	tttgttctgt	gcatttttag	caacttctac	cagcaaataa	2520
agtattctca	gtaaaacgaa	aatgattctc	aagttatcag	tttgctgttt	ttaccctact	2580
atttcatgcc	ctgccaaatt	caagttacac	agacttccat	tttcttaaga	taatcaatca	2640
tgaagaaatc	ctttatcaat	cattcaaaag	taattttaag	tgtaacataa	ctgtgattac	2700
ttcccatgca	cttaataccc	ttatgcgcta	attttg			2736

<210> 4241

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(421)

<223> similar to gi3413860 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4241

gtccaagga	tcattacatc	aaaatgtttg	atgttacaca	aggagctctt	gggactgcga	60
gtcccaccca	caattttgaa	ccccctcatt	atgatggcat	agaagcacta	accattcaag	120
gggataacct	atttagtggg	tctagagata	atggaatcaa	gaaatgggac	ttaactcaaa	180
aagaccttct	tcagcaagtt	ccaaatgcac	ataaggattg	ggtctgtgcc	ctgggagtg	240
tgccagacca	cccagttttg	ctcagtggct	gcagaggggg	cattttgaaa	gtctggaaca	300
tggatacttt	tatgccagt	ggagagatga	agggtcatga	tagtcctatc	aatgccatat	360
gtgttaattc	caccacatt	tttactgcag	ctgatgatcg	aactgtgaga	atttggagg	420
ctcgcaattt	gcaagatgg	cagatctctg	acacaggaga	tctgggggaa	gatattgcca	480
gtaattaaac	atgaatgaag	ataggttgta	aactgaatgc	tgtgataata	ctctgtattc	540
tttatggaaa	atgttgtcct	gtacttacta	ggcaaaacgt	atgaatcgga	ttaactggaa	600
aatatatctg	aattcaactg	ctgactataa	atggtattct	aataaaaattg	tgtactatcc	660
tgtgtgctta	gttttaagat	caaccaatag	atatatatcc	tacaattgat	atattgcttt	720
attcacactt	ttattgtggc	tgaatttttg	tgccatctca	taaaacacac	tttcaaatta	780
tttgaattac	caagacgtct	gcttttgt				808

<210> 4242
 <211> 2006
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1770)
 <223> similar to gi5689375 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4242

ccagtcagg	ctgtgaatgt	tgggcagttg	ctggccgtaa	atgccgagga	ggacgcctgg	60
ttacggggcac	aggtcatctc	aacagaagag	aacaaaataa	aggtatgcta	tgttgactat	120
ggtttttagtg	aaaatgttga	aaaaagcaaa	gcatacaaat	taaacccgaa	gttttgttca	180
ctctcatttc	aagctacaaa	atgtaagctt	gcaggcttgg	aagtcctaag	cgatgaccct	240
gatctagtga	aggtgggttg	atctttaact	tgtggaaaga	tctttgcagt	ggaaatactt	300
gacaaagctg	acattccact	tgttgttctg	tacgatacct	caggagaaga	tgatatcaat	360
atcaatgccca	cctgcttgaa	ggctatatgt	gacaagtcac	tagaggttca	cctgcagggt	420
gacgccatgt	acacaaatgt	caaagtaact	aatatttgct	ctgatgggac	actctactgc	480
caggtgcctt	gtaagggctc	gaacaagctc	agtgaccttc	tacgtaagat	agaggactac	540
ttccattgca	agcacatgac	ctctgagtgc	tttgtttcat	tacccttctg	tgggaaaatc	600
tcctctctcc	attgcaaagg	aaaatggtta	cgagtagaga	tcacaaatgt	tcacagcagc	660
cgggctcttg	atgttcagtt	cctggactct	ggcactgtga	catctgtaaa	agtgtcagag	720
ctcagggaaa	ttccacctcg	gtttctacaa	gaaatgattg	caataccacc	tcaggccatt	780
aagtgtgtgt	tagcagatct	tccacaatct	attggcatgt	ggacaccaga	tgcagtgtgt	840
tggttaagag	attctgtttt	gaattgctcg	gactgtagca	ttaaggttac	aaaagtggat	900
gaaaccagag	ggatcgca	tgtttattta	tttaccctta	agaacttccc	tgacctcat	960
cgcagtatta	atcgccagat	tacaaatgca	gacttgtgga	agcatcagaa	ggatgtgttt	1020
ttgagtgccca	tatccagtgg	agctgactct	cccaacagca	aaaatggcaa	catgcccattg	1080
tcgggcaaca	ctggagagaa	tttcagaaag	aacctcacag	atgtcatcaa	aaagtccattg	1140
gtggaccata	cgagcgcttt	ctccacagag	gaactgccac	ctcctgtcca	cttatcaaag	1200
ccaggggaac	acatggatgt	gtatgtgcct	gtggcctgtc	acccaggcta	cttcgtcatc	1260
cagccttggc	aggagataca	taagttggaa	gttctgatgg	aagagatgat	tctatattac	1320
agcgtgtctg	aagagcgcca	catagcagtg	gagaaagacc	aagtgtatgc	tgcaaaagtgt	1380
gaaaataagt	ggcacagggt	gcttttataa	ggaatcctga	ccaatggact	ggtatctgtg	1440
tatgagctgg	attatggcaa	acacgaatta	gtcaacataa	gaaaagtaca	gcccctagtgt	1500
gacatgttcc	gaaagctgcc	cttccaagca	gtcacagctc	aacttgcagg	agtgaagtgc	1560
aaccagtggg	ctgaggaggc	ttctatgggt	tttcgaaatc	atgtggagaa	gaaacctctg	1620
gtggcactgg	tgacagacagt	cattgaaaat	gctaaccctt	gggaccggaa	agtagtggtc	1680
tacttagtgg	acacatcggt	gccagacacc	gatacctgga	ttcatgattt	tatgtcagag	1740
tatctgatat	agctttcaaa	agttaattaa	tgactgcctc	tgaaaccttg	acaactaatt	1800
cagatttttt	agcaataaca	aaatgtagta	ggcttaaaaa	aaatcttaac	tctgtacat	1860
ggctctgact	gctgtggggg	attgaaaaga	atatgcttat	gtttgatgaa	agatatttaa	1920
caagttttgt	tttaacagag	ttgacttttc	aaagaaaatt	gtacttgaat	tattactata	1980
atattagaat	aaaaatgttt	atcaat				2006

<210> 4243
 <211> 2008
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1987)...(1692)
 <223> similar to gi5668703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

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<400> 4243
ttttttttttt ttcacaacaa agaccacgcc atttattttac aaaggccagt gtgggagctg      60
ggggaggcag ggagggaag ccacacagac atcttctctg gactgcttgg gaccctttcc      120
cacttggagc aaactctgtt cctcttgccg tcatattctc agccatgggg tcggtcctcc      180
aagcagctgg gccaagtagg agagggaaga ggtgatatga gcctcctctg tgctctgaca      240
gagaaatgtc caattccaga tcaaaggcat cattgccacc ctctcctctc ctctcctcaa      300
gaaaaactttc tggcctggag ggaaatagtt aagaactgaa aggccagggg gtctggagga      360
aaaaaacctt ctactattcc cacaaggcag tgaggggtga taagggtgct agtcacagcc      420
ctgacagctt cagaaagggt acccacatta cctctgggtt acccagcatc cagagcccca      480
agggacctag ctctcccga tatatattcc tgcaatggac tgaccttttt acccacttgt      540
ctctgggtgt gggagagcac tctgaaccag aaaccaacaa ggaatcctct tcccacccaa      600
cttaagagtgt tatgcacaca tgtggataca catgcacctc cccactactc acacagaccc      660
caacccccct catgtctttt gaggggggct caaactactg gtgcctgggg acacaagcaa      720
gacctgggtc catggaaatg tgtgtgtgtg tgcatataag cacatatgct tgaggaaacta      780
aagccaatat gacccttgtt ggggcgtggc gcttagcttc attgggctcc ttttttcagt      840
ttaaattcca ttagcatctc taagtctctt ctgccagctc gggcctggat tcttctgect      900
aaaagagcta tgagtgtctc cgctccccac tgttaattcc aacttccaag ccttttactc      960
aggctgtctc cccattccc ttctccgaa taatctcatt cctcctctt tcacacgaat     1020
ttctctgtgg ctgctccagc gtttgtaat tctgtccag agagctgtct catctccctc     1080
ttcagacagg gagaacaggc atcttccctc ttaccctgga atttccaaca gttcccacca     1140
aaaagtgtct aatgaaccag aataggggcc gagaaggaaa attaccacct gtttcacctg     1200
ctcctccttc agagcaagaa attctagcat tgggtgggct aggggttggg gggtagggag     1260
aaaaagaagg aagagagtta ccaaaagtaa acataagaca aaaccctagt ggtatagatg     1320
gaagactatg ttccagtaaa ccagagagct ggttctctcc tcgactctgc acagccactg     1380
aaagtttaaa gattgcaaaa gtggtgtggg gcaaggaggt agagtcaatc aatgaaactg     1440
tgaaaactgt ttaagtagca ctgctcaagg agaccaggag agaagagtct gttagagacg     1500
tagcagtaaa accataattc tcagacagag ctaaggggtt ggagcccatg cctctaaagt     1560
caccctgctg tttggaaagg atgagggaga agacggaagg gaggacaagc tgcagagggt     1620
aaggattgac agaagaaccg aatgctgaca tcgaggaggg ggagaggcag gaggcatggg     1680
ccgagggatt aggagagctg ggagcccagc agtctctcga tagctgcgtt gatgtcccct     1740
cctgtggcaa tcagggcctg caggttagcc tcacgattga tgaagcccat ggagttgagc     1800
tgctccagct gctgtgaaa tctcacttct ggcgtctgca cctgtgagtt tccacttcca     1860
gccaaaagct ggatcatctg ctgcatgagt tgctgctggg cgctggaagc ccctgttgga     1920
gaagatgtgg ctggcgtggc tggtaggaa gtgggggcct cggacgtaga ccctgcgttg     1980
ctgcctgctg aggggtgctg ggtccggg

```

<210> 4244

<211> 2091
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(1682)
 <223> similar to gi505033 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4244

gacataattg	acctgcagta	ccgttccegga	ttccccgggccc	gatccgcatg	tccccgcgca	60
cccacgcgtc	cgggctgcca	tctgccgcct	cctcagcatc	cggcaccgcc	aggagctgtc	120
cctgctccgg	gctcctgaga	agaaggagaa	gaagaagaaa	gagaaggagc	cagaggaaga	180
gctctatgac	ttgagcaagg	ttgtcttggc	tgggggcgtg	gcacctgcac	tggtccgggg	240
gatgccagct	cactttctcg	acagcgccca	gactgaggcc	tgctaccaca	tgctgagccg	300
gccccagccg	ccacccgacc	ccctcctgct	ccagcgtctg	ccacggccca	gctccctgtc	360
agacaagacc	cagctccaca	gcaggtggct	ggactcgtcg	cgggtgtctca	tcgagcaggg	420
catcaaggcc	ggggacgcac	tctggctgcg	cttcaagtac	tacagcttct	tcgatttgga	480
tcccaagaca	gaccccggtc	ggctgacaca	gctgtatgag	caggcccggg	gggacctgct	540
gctggaggag	attgactgca	ccgaggagga	gatgatgggt	tttgccgccc	tcgagtacca	600
catcaacaag	ctgtcccaga	gcggggaggt	gggggagccg	gctggcacag	acccagggct	660
ggacgcacct	gatgtggccc	tgagcaacct	ggaggtgaag	ctggaggggt	cggcgccccc	720
agatgtgctg	gacagcctca	ccaccatccc	agagctcaag	gaccatctcc	gaatctttcg	780
gccccggaag	ctgaccctga	agggctaccg	ccaacactgg	gtggtgttca	aggagaccac	840
actgtcctac	tacaagagcc	aggacgaggc	ccctggggac	cccattcagc	agctcaacct	900
caagggctgt	gaggtggttc	ccgatgttaa	cgtctccggc	cagaagttct	gcattaaact	960
cctagtgtcc	tcccctgagg	gcatgagtga	gatctacctg	cgggtgccagg	atgagcagca	1020
gtatgcccgc	tgatgggctg	gctgcccgcct	ggcctccaaa	ggccgcacca	tggccgacag	1080
cagctacacc	agcgaggtgc	aggccatcct	ggccttcctc	agcctgcagc	gcacgggcag	1140
tggggggccc	ggcaaccacc	cccacggccc	tgatgcctct	gccgagggcc	tcaaccctta	1200
cggcctcggt	gccccccggt	tccagcgaaa	gttcaaggcc	aagcagctca	ccccacggat	1260
cctggaagcc	caccagaatg	tggcccagtt	gtcgctggca	gaggcccagc	tgcgcttcat	1320
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cagcaggaaa	gacgagatcc	tgggcatcgc	caacaaccga	ctgatccgca	tcgacttggc	1440
cgtgggcgac	gtgggtcaaga	cctggcggtt	cagcaacatg	cgccagtggg	atgtcaactg	1500
ggacatccgg	caggtggcca	tcgagtttga	tgaacacatc	aatgtggcct	tcagctgcgt	1560
gtctgccagc	tgccgaattg	tacacgagta	tatcgggggc	tacattttcc	tgctgacgcg	1620
ggagcggggc	cgtggggagg	agctggatga	agacctcttc	ctgcagctca	ccggggggcca	1680
tgaggccttc	tgagggctgt	ctgattgccc	ctgcctctgt	caccaccctg	tcacagccac	1740
tcccaagccc	acacccacag	gggctcactg	ccccacaccc	gctccaggca	ggcaccacgc	1800
tgggcatttc	acctgctgtc	actgactttg	tgcaggccaa	ggacctggca	gggcccagacg	1860
ctgtaccatc	acccaggcca	gggatggggg	tgggggtccc	tgagctcatg	tggtgcccc	1920
tttccttgct	tgagtggctg	aggctgatac	ccctgacctc	tctgcagtcc	cccagcacac	1980
aaggaagacc	agatgtagct	acaggatgat	gaaacatggg	ttcaaacgag	ttctttcttg	2040
ttacttttta	aaattttctt	tttataaatt	aatattttat	tgttggtatcc	t	2091

<210> 4245
 <211> 1298
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1249)...(590)

<223> similar to gi1065896 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4245

ttttttttga	atcatacaaa	ttttcagtat	catttaattc	tttaatactt	tggggacatt	60
tcctttttcct	ttaacaaaaa	gaatagaagt	gatactatat	actgctagta	gaaaattaag	120
agctttttcta	taaaatccta	tgaaattaaa	attaaatcgt	cttattttta	aaaatgcaaa	180
agaagccaga	cagtagactt	aacaaccatg	aagcaggacc	cacttccctc	tgaaccaagg	240
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taagagaccg	tacgttgggt	aaacataaat	aaaccttaac	acctattgca	acaataagat	1200
gcttgggaaa	ttgagagctg	tcaaaacaat	acagacattt	ttccatttgt	gcagcaagac	1260
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<210> 4246

<211> 5885

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(4986)

<223> similar to gi2224597 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4246

gttagctcaa	ataatgtgct	tttaaattct	caggctgatg	acagagttgt	aataaataaa	60
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gctaaaaactc	ttaaggaaat	tcggacactt	ttgatggagg	cagaaaatat	ggcactgaaa	180

cgatgcaatt	ttcctgctcc	ccttgcccgt	ttcagagata	ttagtgatat	ttcatttata	240
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ccagaatcgc	atgtgccgcg	tgcccaagag	agtcttctctg	gctatcgag	aagaacaagc	5820
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tacag						5885

<210> 4247

<211> 1886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (12)...(1358)

<223> similar to gil464742 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters


```

<400> 4247
cagggggcccc agagacactg cagagagtgt cagggatttc cttccccaca acagaattgc      60
tgaggggtctg ggaagcatgg agggaggaag cagaattgcg ggaccaccgg cgcattggga      120
aggaacagga gctcttcttc ttccatgaac tgagccctgg gagctgcttc ttcctgccac      180
gagggacaag ggtgtataat gcactagtgg cgtttatcag ggctgagtat gcccatcgtg      240
gtttctccga ggtgaaaact cccacactgt tttctacgaa gctctgggaa cagtcagggc      300
actgggagca ttatcaggaa gacatgtttg ccgtgcagcc cccaggctct gacaggcctc      360
ccagctccca gagtgcgat tctaccaggc atatcacaga tacactcgcc ctcaagccta      420
tgaactgccc tgcacactgc ctgatgttcg cccaccggcc cagatcctgg cgggaactgc      480
ccctgcgact agctgacttt ggggctctac accgggccga agcctctggt ggtctggggg      540
gactgaccgg actgcggtgc ttccagcagg atgacgctca catcttctgt acaacagatc      600
agctggaagc agagatccaa agctgtcttg atttctccg ttccgtctat gccgttcttg      660
gcttctcctt ccgcctggca ctgtccaccc ggccatctgg cttcctgggg gacccttgcc      720
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acctcaactc tggagatggt gccttctatg gacctaatg tgacgtgcac ctccacgatg      840
ccctgggccc gccacatcag tgtgggacaa ttcagcttga cttccaactg cccctgagat      900
ttgacctcca gtataagggg caggcgggtg ccctggagcg tccagtcttc attcaccgag      960
cagtgtctcg ttctgtggaa agactgttgg gagtgtctgg agaaagctgc ggggggaaat     1020
ggccactgtg gctgtccccg ttccagggtg tggatcatccc tgtggggagt gagcaagagg     1080
aatacgccaa agaggcacag cagagcctgc gggctgcagg actggtcagt gacctggatg     1140
cagactctgg actgaccctc agccggagaa tccgcggggc ccagcttgcc cactacaatt     1200
ttcagtttgt ggttggccag aaagagcaaa gtaagagaac agtgaacatt cggactcgag     1260
ataatcgtcg ccttggggag tgggacttgc ctgaggctgt gcagcgactg gtggagctac     1320
agaacacgag ggtcccaaat gccgaagaaa ttttctgagc ctttgtacat agatgaggca     1380
aaaacctgcy agtgccatca gcctccctca catgggagac cccaaccag ctgacaatgt     1440
ggagcccccga gaacttcaga actgtgtgga ggcacatgtc tgctctcttg aaaagagact     1500
tggtttgggg accccacaaa aggagggaag ctgtagctgt ttggatgtga ggagaatgaa     1560
actacaaaaa aaaataaatt gggccaggcg cagtggctca tgctgtaat cccagcactc     1620
tgggaggctg aggcggacgg atcatgaggt caggagatca agaccaccct ggctaacacg     1680
gtgaaaccct gtctctacta aaaatacaaa aaattagccg ggcattggtg cacacgcctg     1740
taatcccagc tactcaggag gctgaggcag gagaatcgct tgaaccgggg aggtggaggt     1800
tgcagtatgc tgagattgcg ccactgcacc cccctatggc gacagatgcg agactctgtc     1860
tctaaataaa taaataaata aataaa

```

```

<210> 4248
<211> 663
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(664)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (2)...(131)
<223> similar to gi6002623 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4248
tgtggacaaa gaacatgaca gtgctgaagg aagtcacgtt tcaggacaaa gcaatgggcg      60
agatccacaa gctcttgcca agcctgtcca gattcaccaa gataccttgc gcacaatgta      120
cttcgcttaa atagtccaag tatattctct gagagcaagt actgaaagat gaattgacat      180
acgtcgtatg tttccagtga agtccattga gtaaggacac ctccagccat acagaaacca      240
acactgtgtg ggggcccaagg tctgatecctt atgttaatac aaggaagatt gtttacttca      300
tcaaggaaca cagcatcatt atgcaatatg aaaccagcca actgcttttt gtgcggtctc      360
ctataggaag tatcgcaatt gttttgtttt catttcttgt agnctaaccc ttttaatgcc      420
tttacctcaa gttgcttggc agcacaacta tctttgcggn nnnnnnnnnn nnnnnnnnnn      480
nnnnnnnnnn nnncccttta aaaaaaacca attttaacgc ccgggggggg gaaaaaaaaa      540
ttttttttaa gggggcccca aaaataaatt ccggggccgg gttttaaaaa cggggggaag      600
gaaaaaaccc ggggggtccc caaattaatg ggtttgaaa aaaaccctt tttcccagg      660
ggg
663

```

<210> 4249

<211> 2013

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1345)

<223> similar to gi5262619 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4249
agggccacca cttattatct agcagatcgt cgctatgaca tgctgccttc cgtcctcagt      60
gcagatttgt gttcccttct gggaggcggt gataggtatg ctgtaagcat catgtgggaa      120
ctggataaag cctcttatga aattaagaaa gtgtggtatg gcagaaccat tattcgatca      180
gcatacaaac tggttctatga agcagcccaa gaactactgg atggaaactt aagcgttggt      240
gatgatattc cagaattcaa agacttgggt gagaagagca gacaagcaa gctggaggag      300
ttggtgtggg caattgaaa gctgaccgac atagctcgcc atgtcagagc taaacgagac      360
ggatgtggtg ccctggaact ggaaggggta gaggtttgcg tacagctaga tgacaaaaag      420
aacattcacg acctcatccc caagcagccc ctggaagtcc acgagacagt ggctgaatgc      480
atgatcctgg ccaaccactg ggtcgccaaa aagatctggg agagcttccc tcatcaggcc      540
ttgctgcgcc agcacccctc tccacaccag gagttctttt cagaactccg ggaatgtgct      600
aaagccaaaag gcttcttcat agatacacgg tccaataaaa cactggctga ttctctggat      660
aatgcgaacg acccccacga tcccattgtg aacaggctac tgcgctccat ggccacgcag      720
gccatgtcga atgctctgta cttctccacc ggatcctgtg cggaggagga gttccatcat      780
tacggtcttg cattagataa atataccac tttacttctc caataagaag atattcagat      840
attgtagtac accgcttggt aatggcagcc atttcaaaag ataagaaaat ggaaattaag      900
ggaaatctgt tcagcaacaa agatcttgag gaattatgca gacatatcaa caacagaaac      960
caagcagcac agcattctca gaagcagtct actgagctct tccagtgcac gtacttcaaa      1020
gacaaaagacc ctgccaccga ggagcgttgc atatctgacg gagttattta ttcaattaga      1080
acaaatggtg tgcttctatt tataccaagg tttgggatta aaggtgctgc ttatctaaaa      1140
aataaagatg gtttagtcat ctcatgtggc ccagatagct gttctgaatg gaaaccagga      1200
tcccttcaac gatttcaaaa caaaattacc tctactacaa cagatgggga atctgttacg      1260
ttccatttgt ttgacctgtt aaccgtaaga atatccatac aggcctcacg ttgccattct      1320
gatacaatca gacttgaaat aattagtaac aaaccatata agataccaaa tacagaactt      1380

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attcatcaga	gttccccctt	gctgaagagt	gagttagtga	aagaagtaac	taaatctgtg	1440
gaagaagctc	agcttgccca	agaagtcaaa	gtaaacaatca	ttcaggagga	atatcaagaa	1500
tatcgccaaa	caaaggggaag	gagcctatac	acactttctag	aggagatacg	ggacctagct	1560
ctctgggatg	tttcaaacaa	ttatggaata	tgagaggctc	ttacttcact	aagagctgtc	1620
atatgtgaat	gtttttacagt	ctttttcaaac	ttaacattta	atgtgtgtca	ctcagtgtc	1680
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ttagccccggc	gtggtggcat	gcgcctgtag	tcccagctac	ttgggaggct	gaagcaggag	1920
aattgcctga	accaggaag	aggagggtgc	agtgaagccga	gatcgcacca	ctgcattcca	1980
gcctgggcaa	cagagcgaga	ctccatctca	aaa			2013

<210> 4250

<211> 1518

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(499)

<223> similar to gill142660 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4250

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gacatttgtc	atgtgatcat	cgacaacctg	cagttcatga	tgggtcacga	gcagctgtcc	180
acagacagga	tcgcagctca	agactacatc	atcggggtct	ttcggaagtt	tgcaacagac	240
aataactgcc	atgtgacact	ggtcattcac	ccccggaaaag	aggatgatga	caaggaactg	300
cagacagcgt	ccatttttgg	ctcagccaaa	gcaagccagg	aagcagacaa	tgttctgatc	360
ctgcaggaca	ggaagctggg	aaccggggcca	gggaaacggg	atctgcaggt	gtccaagaac	420
cgctttgatg	gagatgtagg	tgtcttcccg	cttgagttca	acaagaactc	cctcaccttc	480
tccattccac	caaagaacaa	ggcccggctc	aagaagatca	aggatgacac	tggaaccagt	540
gccaaaaagc	cctcttctgg	caaaaagggg	gctacgacac	agaactctga	gatttgctca	600
ggccaggccc	ccactcccga	ccagccagac	acctccaagc	gttcaaaagt	aaggccgtgc	660
agagctggtc	actgaaatga	gcctgatagg	ataggctgga	gcataaaaact	ctgcaagggc	720
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caggtttcca	tagtgagaaa	attcaatgta	gcagactact	gagaaaactac	tgtgttgctc	840
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tggaggggaa	tcggggactt	catgcgaaac	tccagcctag	gctttcaaag	tcaaagggtg	1260
atacagtggg	taccaagctc	ctctgctccc	cactttgtag	agcctagcat	gaggtggcat	1320
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tgccctgggc	tgggttgctt	ggcatagag	ccatagaagg	aagctgtcag	cccggattgt	1440
cctgcctatc	ctagtcactg	atgccattgt	gtgcttcctc	aagactgtct	ggagtcagtg	1500
acattttata	gagccttt					1518

<210> 4251
 <211> 1272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1274)...(920)
 <223> similar to gi3212110 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4251

tttttttttt	ttagggatgc	attttgaata	tttattgtcc	ttgtttttaa	cataatttgc	60
aaattttacat	aattataatg	gctgtgtttg	acaactggct	tgcaacaaaa	ttcttgaaaa	120
ttgaataaatt	ggcccacctg	ggctgggatg	agccagctgg	atcacaccgt	tgccccctca	180
gcctctagga	ggcctcagga	ttatggcgtc	catcttatga	tattggccga	aaggagacag	240
tcttgagggt	gctgcttact	gttgaacttc	cttttggaat	gtatgggaga	aggcagggaa	300
aggaatcttt	aggcagactg	ccatccaggg	actgctattc	tgttcactga	gattcagctg	360
tgaacatctg	ttctttcttc	ctcttctgtc	tactgcatgc	aggcccggaa	gctgagcggt	420
agtcaaaggt	acaggaaggg	aaaagagaag	agggcaaggc	ccatccccc	agaaaggaag	480
ggctctgatg	cagagggagc	aggagctgag	gtggagacgg	ccactgcctc	tctcaccctc	540
tgttccatcc	ctctgctcaa	gaaaaccagg	cttagcagag	tgggacagac	gctttttatt	600
ggtctggctg	gcgtgcctag	tggaaagctc	aggcagagct	tcctatcttg	ccctggctcc	660
catcttcctc	ctcctgggag	ttcatcacac	atcccagag	ggaagagtgt	cctgggcaga	720
ggtggcaggc	aaagccgggt	aaaaactcca	gggctgggaa	gcaaattggg	ctcaggggtga	780
tgcaaaaaat	gtgatgttgc	caggccatcc	aaataaagca	tccatcgggg	cagaggagaa	840
gctgtttccc	tgagacact	cctctgcccc	caccaggaat	gggaggggca	ggaggaagag	900
cttcccagag	aggctcccta	ctgggccctt	cgtgccatca	gcatctccc	gatgttgctc	960
tcagcttcct	taacgcttcg	ctccaggtag	gactttttct	gttctagtgc	tttaattttt	1020
tcttctgcta	ttttctgctt	ctctaacagc	tgactgtgaa	ttgcttcctt	ggactgaaga	1080
ataaacattc	ttcctacacc	ttcatacatg	ttagtctcat	ctaccaaagt	catgatctct	1140
gtatctgtaa	gatgtgcatg	ctttttcggt	ctgtttagct	gttcaatctg	tatgtctgcg	1200
agcttcacct	tctgttgagt	gtcaataact	ttggcttgaa	gctctgtgaa	ggccttcttc	1260
agctctagat	cc					1272

<210> 4252
 <211> 1492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1493)...(529)
 <223> similar to gi3873666 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4252
tttttttttt ttatacccaa catccattga tctttatttg atttgacaaa atctgcattt 60
ttaaaagaca ggtaacaaaa tctgaggtta tactgaatct gacaaattga gttctatagt 120
atctagaata tcatataaga aatatcaact gagggaaaag agaagtacca catgcagatg 180
ctcctggcaa ggggggaact gtatctgcag gtgaggcca gagtgtgcag tgcataagaa 240
aatcctacag aaaatgccgt taacttactt ggatgaaatg ttttccctt gagggggagg 300
aagagggtgt aaagaggggc aggaattcaa aggcataatg agaattggct ctccatttca 360
aaatggtaat aaaaatattt aaatcatggc actagggcac ctttgaggaa aagaacatct 420
taaccagagt aggctcattg cataattctt tagtaatatg tacaattttc aagtaattaa 480
gcagacttaa aggataattt tgttttaaca gcagctatct atttttcttc tccccctctg 540
gggcttgatc tgtttcagca tcacagggaac acttttccac acattttcta gggaaccaac 600
cccttattct tgaaacacct tctataaagg aatcatcaag aattttgtct ccatataacc 660
agtatcgtaa acctcttggt gctaaaatga attccccctt ttgcagctgt attcgaggct 720
cttcggtgca gggacttggt aagaagggtt tgattccttt attcagaggg cagcaggcac 780
cactataatc ttctattact ttatagcgaa cacttctgac tctcttatct gctttttgtt 840
tcaactgttc tattgttaag ctgtattggt gacagccttc tcttactggc cactcaagtc 900
catctccttc agggaccctt gaccacgtaa atacctgtt aaagtctctc catctacttc 960
ccatatcata tggaaaaaca aagacttcat ctagttgata atactgaatt cgatcttttag 1020
ccttctcttc aatccatgac tcaatagaag ttttgtttct gagaattatt ttcactctgga 1080
taaaaaacaa catcccaaca gctatggtt ttcctaaagc taatcccaag gcaaacaagg 1140
tggtagcaaa tgcagctaata ccaaatggaa caattggaag aggatctctc cgggctgcac 1200
tcatgtcgat cttcactgtg ttccacccaa aggagagccg atgataaagc tgtgtgtaca 1260
tagtcatcac aaaaatgaaa gcagcatgga tacaaccagc tgggtgctaaa aggagaaaca 1320
gtgtgaacga agcatgattt tggtaaccac aacagttgtt gatccaagga cagtgtggt 1380
ccatcttcat cacacatctg ttacactttc tgcagtgtg tgaacgtggt gccttgtatg 1440
cttggcagac tttacaatac tggagataca tggatcctg agaaattctc gg 1492

```

<210> 4253

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(147)

<223> similar to gi806832 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4253
aactatgcac cggaagtgca ggacagagtc accattacgg cggaccgatc cactgagaacg 60
gcctacatgg agctgagggg cctaacatct gacgacacgg ccgtctatta ctgttctcta 120
ctggatcggg gaagtatgat cttctcagca ggattcagaa aacgttttct attttcataa 180
aaaatgtgtg gacattgcta taaatacttt tcctgagtgg taaacatgtg atactgtctg 240
ggaaagatat tccaggtggt ggttattttt gaacaagtaa atcttaaag atcataagag 300
aacaggctgt gtttagct
317

```

<210> 4254
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (459)...(126)
 <223> similar to gi4884162 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4254
 tttttttttt ggtgtttcaa ttgtttttatt acaatccaaa agttggggcg ggggttcctg 60
 tgccaccaca caccatccag gatgagaggg tcagaagtca aaggtccaag ctgcaggagg 120
 gtcagcccct gcctggcatg ttgatgtaga ctttgccatc ttcttgggcy gggctgcggc 180
 gtgggcgtgc gcacaggaac accgccccca cgatgagcag cgatgccacc gcatcagcag 240
 ccacgaggcc tgccaggagc ggcagagaga gggacccaca tccggaacaa gagcctgaag 300
 tgccagggta aaaggcaggg agtgatgatc tctctcctgg agtcgtctga gctgcagcca 360
 ctgggagcaa aagcaggaag aggatgtgac ccagatggat catggtggac tggggtctgg 420
 caggggtctg gcagaggact gtggtccaga gaagtc 456

<210> 4255
 <211> 4963
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4964)...(811)
 <223> similar to gi3413914 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4255
 tttttttttt ttgaaaaaga cagaagcagc ttttactata tttacatcca acaaaacttc 60
 gcagggaaca atccttattg cacaggtcag gacctgggtg ggtgaggcat tccccaggc 120
 ggggcaggca agaaaaatta ggactggagg gggcaccagt tcttcctaag gggagcttga 180
 gactcctcta gctcccagtg cctgactttg aaggaaactac aaaccaccgg accatggtgc 240
 cctatttccc ttccctttct cactctccat aagaacctca taagcaaggg ggctgtggct 300
 ccagaataaa taatttataaa taaaatacaa acacttaggt agaaaggcat ggagagcctt 360
 gggctccttc agcaacgtca gggaagaggg accattattg gtggagaatg acatccctac 420
 ctccattca gggcaaaggc tcagtagctc tgcattcttc cagttgtttt ttaaaacaaa 480
 aacttctaaa atgaccaggc caatgcagat ctgtgggtac cctggagggg agttcccggg 540
 ataggacaag ggaagaccag agctgtacca actcccccca gatctcccc aacatcagca 600

cgaacaaact	gggtaggttg	gtgatggggg	aatcaggact	tttggttaaca	gtggatccct	660
cttctctgttg	tcctcgcttg	gagcctttga	ctgggcatcc	ttcccagcct	gttcccaact	720
ccatgaaggc	aacagggaag	cagtttaact	ctagaatccc	ttcttctca	cttccccacc	780
ctaggctgga	gaggggaagct	taaggtctct	agcattcttg	aggtgctcca	aaacattttc	840
ggcagtcaat	ggccttgga	gtgggcatct	gcgcccgcg	gtgcctcagc	tcctccttgc	900
ccatgctgct	ggccagcttg	ttaaaggcag	acttgacttt	cttatcgaag	gccactatgt	960
ccacgtggte	cttgcccaga	gcagccattg	tcaggaataa	tatctcacgg	tagattcccc	1020
tctgcaggtg	caggccagtg	ggtggggggc	ctagagtttc	cagcaggagc	cccacagcct	1080
tgtgcacttc	attgagtcca	acatggcgca	gcactgactc	caacagtgcc	aaactaaggg	1140
atgcaggtag	agggcctggc	cataccaccc	gctgggggat	ctggctgtgg	accctccaga	1200
gcacatagag	aggtgggcag	ctattggggg	caggggtcag	tacatcccac	agcagccgta	1260
cctgaacaga	ggctggatca	gggggttagcc	aaggagatgg	ggcctgggag	tgcgaaggcc	1320
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tgagagaaga	ttctgagagg	tcccactcac	tgccagagaa	ggctgagctc	tgggaggcag	1980
tggatccagg	gcgctcccgg	gggtgcagaa	gactgtccat	ggggctgcgg	cgggctgggg	2040
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gagtgagcag	ctgttgagg	cgggcaccca	gcccctcgctg	gggggtgcct	gcctcatcct	2160
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gctgctgctg	ctgctgttgc	tgctgctgct	gctgttgccg	ttctctcaag	ggctggcgga	2640
actgagcagc	ccccaggaca	acattccgga	gcttgggcca	gcgcagacgc	ccacctgggtg	2700
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caagggcagc	atggcgagca	gagccaaaag	agcactcctc	aatgaactgt	gagaacatct	3420
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gcttcttttc	ctcagctctg	aagagcgtgt	tggtagcaag	gtctacacag	atgacatcag	3840
caggcgggtc	atgcagatca	aagtagctgg	agtggatacc	cacaatgaag	ggcactgggg	3900
cactcagcac	atctgccagc	accagcgggc	acagagggaat	gtaggggcac	tgccagtgca	3960
gtgggaagat	catcgagacg	agggcctcac	agacgctggt	gagcaggtct	ggccgcagcg	4020

agtggactag	cagcttgtgc	tctgtgagca	cagccagcag	cagtgtgata	gccagctcag	4080
ggcccaggct	ctgcagcagc	tgcaggaagc	tggcaccact	gaggggcagg	ggtgaggata	4140
caggctgaca	gaggagcaag	ttgtcatagg	gagacatctg	cactaggatg	cggggtctct	4200
gtggggaagg	gaagggaacg	ttgtgaatga	agtgggagat	gtgcgcttcc	aagggtaggc	4260
ggtgggggccc	tgagacggag	tagcggtaaa	gaaagggtgag	gaaggcgcg	aaggcaggga	4320
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gtgcccagacc	ccgctccacg	gcgctcagca	ggcccagtg	ccgtgcctgt	cgctctgata	4440
gcctggccct	tgggaacgcc	tcgtagaact	gcctcgtaca	ccagcgtggt	ggccttcgcc	4500
aggcccacct	tatagcacag	gtacactgct	gggccccaca	tgccagggtt	gaggttgagg	4560
ggcagccggc	agtaagtatg	aggagtggcc	tcgcccttac	tgggcagcac	caggcagagg	4620
tcagtgatgc	ccagggcag	cagccctgcc	ccctctgctg	cccgcggta	agtgaggtag	4680
gtgcgggggt	gcccggggccc	tggaggggccc	aggtttgctg	agtggctgta	gggtgtcggtg	4740
tcaagcactt	ggaagccagg	cttgggacgt	tccttcccc	catacaacac	ccccactca	4800
acgagggggg	gcttgtcacg	gccctgcgg	tagcagatga	cgggttgagt	tccaccaga	4860
agtcacgac	tgagttccaa	gggggtggccc	ccagcagaag	cctggatgca	tgtgtagccc	4920
tggggcactt	cctcgcccag	tgccctagcg	atgactgcca	cat		4963

<210> 4256

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1076)...(223)

<223> similar to gi587146 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4256

tttttttttt	ttaccacaga	cacatgtggt	tcatttttag	ttttgttaaa	aaaaaaattc	60
tgacaaatca	gaaatggggg	ttcaggagtg	gtgggtgatgc	aaaagatgga	agccatgggg	120
tgggggctgt	caggggtggg	ggcagtagtg	tctccttcac	ccccaccctg	gtgtcctctc	180
ctgaaggaca	gacggtcaca	ttccaaaatg	ggcgagtctt	ctaccgtgtc	tgttcaatgt	240
aggaggagat	gtctatctca	tcaggcagct	cactaatatt	gacctcaaag	cgatcctgca	300
catcattgag	gatcttggca	tcattctcat	cggacacaaa	tgtgatagcc	aagcccttgg	360
tgccaaaccg	gcctgctctg	gccaccgat	gcaggtaggt	gtcagaatcc	tcaggcatgt	420
cataattaaa	agcaatgttc	accgctcga	tgtccatgcc	tcggccaaat	aggttggtag	480
ccacaagaat	tcgtcgttga	aaatctttaa	actgctgata	ccgagaaagc	ctctcctcct	540
ggggcatccc	acggtggatg	gcaatggctg	ggaagtctctg	ctccactagt	agctgggcca	600
aggcaatgca	ccgctgcaca	gacttcacaa	agatcaccac	ctggttgaac	tcaaggacat	660
ccagaaggtc	aaagagcttc	cggttcttct	cgttgctcctt	cagtttcacg	tagtactgct	720
gcaaccatg	cagcgtcaac	ttcgtctcat	catccacgaa	gatctccatt	ggatcttgca	780
tgaacttgcg	gcagactgga	cggatctctt	tgctcaaggt	agcactgaac	atcatgacct	840
gcttctcgtg	gggggtcatg	cgaaaaattt	cctggacatc	ccgacgcatg	tcgagctggt	900
caagcatctt	atcacattca	ttcaaaaataa	agtgtttaat	gtgtttgagg	ttgaggtctc	960
tatttcgagc	cagggctagg	atacggcctg	gagtcgccac	gacgatatgc	gggcagttct	1020
tcttcagcac	ctcttcatcc	ttcttgatag	acagaccacc	aaaaaaaaaca	gcaac	1075

<210> 4257
 <211> 401
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(403)
 <223> similar to gi33325 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4257
 ggaaacccca ggcagcttc tcttctctct gctactctgg ctcccagtct cagataccac 60
 cggagaaatt gtgttgacgc agtctccaga caccctgtct ttgtctccag gacaaagagc 120
 caccctctcc tgcagggcca gtctgagtct tagcaacgac tttctagcct ggtaccagca 180
 gaaacctggc caggctccca ggctcctcat ttatgggtgca tccaccaggg ccactggcat 240
 cccagacagg ttcagtggcc tcgggtctgg gacagacttc actctcacca tccgcggtct 300
 ggagcctgaa gactctgcag tatattactg gcagcaatat gacagttttt ggacgttcgg 360
 ccaagggacc aaggtggaaa tcaaaccaac tgtggctgcc c 401

<210> 4258
 <211> 4860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4861)...(2872)
 <223> similar to gi2981198 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4258
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 tttgatacta ttttggttta tttatggcta cttacaagag tcacagtaat aatgtccact 180
 catcagagtc tttctttggg agagcctaag gggaccagac agatgaactg ttatgcaaatt 240
 gagatggata aagcaaattc atgatagtat gaattataag ggtttttggt taatggaaatt 300
 acaacttaaa aaggatttcc atatttatcc ccatcattat tttggaagct taataccctg 360
 ttcagggggt gaagagtttg aatagctcac acaatcctgt aaaaatgaca actggctgcc 420
 ctttaataaa taaagtcatt gtaaagaatt acatttacag agtgaaaagt gaatacatag 480
 catttcaaat tcaatttttg aagtactaat aagtactgac ccataacaat atacactagc 540
 tatcttttta actgtccatc attagcacca atgaagattc aataaaatta cctttattca 600
 cacatctcaa aacaattctg caaattctta gtgaagttta actatagtca cagaccttaa 660
 atattcacat tgttttctat gtctactgaa aataagttca ctacttttct ggatattctt 720
 tacaaaatct tattaaaatt cctggtatta tcaccccaa ttatacagta gcacaaccac 780

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ttaagaçaaa	atctaaacaa	gttaaaatct	aatgcttgat	cagaagtcag	atgactgtgc	1440
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agtgtttatt	gtaagctgag	agacattgag	acgctgtccc	atctcctgga	tgagggttggc	4740
cgctgtctgg	cggcacgaga	gctctttatc	cgctccact	ccgcagcggc	ggctcggcgt	4800
gttctccagc	tgttcccgag	taaagaacca	gcgagaagaa	gctccacggc	ccgacgccat	4860

<210> 4259

<211> 1104

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(200)

<223> similar to gi202231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4259

ggtctctgag	catttctcag	ggatgttcaa	aaggaaagct	tttgtgcact	ggtacaccag	60
cgaagggatg	gacataaacg	aatttgggga	agctgaaaat	aacatccatg	atttggtatc	120
cgagtaccaa	caatttcaag	atgccaaagc	agttctagag	gaagatgaag	aggtcacgga	180
ggaggcgaaa	atggagccag	aagataaggg	acattaactg	tgagagaagc	tgtgccgcgg	240
agtcgcttac	agaacagttt	ctcattagat	gagtgtttct	cctgcagcac	tccaaaaccc	300
actctgcact	gcagcacagt	gaatgatatg	cactcaccat	tagcttcgac	acagggactg	360
agggagacag	gtggggagca	gctgacaggc	attaggggtc	ttgctgacat	ctactaacct	420
tgaagagttt	gatgttcagt	gcatacttat	taacttaaaa	aaatagcaaa	tttattgtaa	480
agtgtcctcc	tttgtttcca	aaagtgtttg	ccccggcatc	cagactacac	gtgtggattt	540
gcagggagcc	actggagttg	gtgttacatt	tttatacttt	agcagcactg	ataggcaccc	600
tggaatcctc	acttggtatc	cgagggtac	taagactctt	tccttaggtt	ctttcctctg	660
agcaaact	gactggcatc	ctgctttcca	gtgcctgcc	gcctccagaa	gagccaggtg	720
cctgactagt	acatggggag	ctacagagcc	aagggtcaatg	tgagtcaaca	tccactagaa	780
atatccatgt	tgtgtagacc	tgtgcataca	acatgctaac	tggaagagag	gaaaaaagaa	840
aagccacagt	cctctccaca	aaaataacctg	ggtccaaaca	agaaaaacta	tcagacaagc	900
acaactaatg	aactgctgtc	ttctgatctt	cacttctgaa	ctacacgc	atactcgaca	960
ctgtcaatat	tatcatacta	cacacagtcc	gactatatcc	acacgtctat	acatactcat	1020
ataacaaatt	ctatagacta	cgctaattcta	catactctat	aataatatat	cagtatcata	1080
tttatcacct	atcacttctt	actg				1104

<210> 4260

<211> 386

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (387)...(7)
<223> similar to gil780976 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4260

cactatcaaaa	aattatttcc	taatctttgg	caagaatttt	gtctttccac	ttgaagtgg	60
tctttcaaac	cttgcaaatt	ttcttctagt	cccataccag	ggacataacc	cattttatgc	120
attgtatgtt	gactttgagg	gctatataat	tggtctgaaa	ttagaacttg	tgctcccat	180
tggttgaata	aatctcttcc	ccataaatat	ataggtacag	aagttataat	tggttgaata	240
gccccagggt	gtccatcggt	cccttcacaa	tgcaaaatat	aactactttg	atatactaca	300
gggactttac	caagtccaac	tatgtttaat	tgagcgggtt	gaactgggca	cgtggatggc	360
cagtgtctga	tagaaatgat	tgaaat				386

<210> 4261
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(706)
<223> similar to gi3264846 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4261

ggaaaagcct	ttgggtccaa	atccactctt	gttcgacacc	agagaactca	cacaggagaa	60
aagccatatg	agtgtggtga	atgtgggaaa	ttattcagac	aaagcttcag	ccttggtgta	120
caccagagaa	ttcacactac	agcaaggcct	tatgagtgtg	gccagtgtgg	gaaatcattt	180
agcctaaagt	gtggcctcat	tcagcaccag	ttaattcaca	gtggagctag	gccctttgag	240
tgtgatgagt	gcggaaaatc	ctttagccaa	agaaccaccc	tcaataaaca	ccacaaagtt	300
cacactgcag	aaaggcctta	tgtatgtggg	gaatgtggga	aagcttttat	gttcaaactt	360
aaacttggtt	ggcaccagag	aactcacact	ggagaaaggc	cttttgagtg	cagtgaatgt	420
gggaaatttt	ttagacaaag	ctataccctc	gttgaacacc	agaaaattca	cactggatta	480
aggccttacg	actgtggaca	gtgcgggaaa	tcctttatcc	aaaagtctag	cctcattcaa	540
caccaagtgg	ttcacacagg	agaaaggcca	tatgagtgtg	gcaaagtgtg	gaagtccttt	600
acacaacact	ctggcctcat	tctccaccga	aaatctcaca	ctgtggagag	gcctcgtgac	660
agcagcaaat	gtgggaaaacc	ctacagccca	agatctaaca	ttgtttaact	cttgaaactc	720
caaacctgag	aaaagcctta	gacctgcagg	gaatgtgcca	tgtctttctt	cagtgttatg	780

<210> 4262
 <211> 1073
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> similar to gi5901478 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

<400> 4262

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agaaacagag	aggtgaagg	ggcactggga	agggtgcttc	tggggaagag	agagctagga	180
aaggagtaaa	ggcatctcca	cctgacttca	cctccatcca	gggccactgg	cagcatctgg	240
aacggctgaa	ttccagctga	tattagccca	cgactcccaa	cttgcccttt	tctggacttt	300
tgtgaggctg	tttcagttct	gacattatgt	gtttttgttg	ttgctcttaa	aattgagacg	360
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tgggcttaag	cgatcctccc	ccacctcagc	cttccaagta	actgggacta	caggtgtgca	480
tactggcag	tgggaattgt	ggcttttctg	tcttctatgg	agacggggtc	ttgcctgtgt	540
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agttctggga	ttacaagtgt	gagtcactgt	gactggccaa	cattatgtga	tttatgtgtg	660
aacctatata	acacaaatca	tcccccaaaa	ccccatcctg	gatctgtaaa	gcagctgcca	720
aagaatgaag	tgagagaaac	agttgtaaag	atgagtttcc	caccctactt	ataccagag	780
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gtttgatatt	ttctatatcc	ccaattccta	cccaaaccct	ttcatgaaat	cgtagagttt	1020
gttttacct	ttatctgggtg	taagattctg	cataaaccaa	gaagtgaacc	tgt	1073

<210> 4263
 <211> 2262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(1936)
 <223> similar to gi193573 in the genepept database release 114,
 Run with FASTXY 3.3t00; default parameters

<400> 4263

cgcgctgacg	atttcgtagc	tctaacacca	gctcgagcac	ccagcccagt	gccggctcca	60
gccccggagc	cagagccagc	tccaacacca	gctccagggt	cagagctaga	agtagctcca	120
gcaccagctc	cggagctcca	gcaggctcca	gagccagctg	tgggactaga	atcggctcca	180

gcgccagctc	tggaactaga	gccagctcca	gaacaggatc	cagctccctc	acaaactcta	240
gagctggagc	cagctccagc	accagttcca	tcattacagc	cttcttgccc	ttcacctgtg	300
gttgacagaga	acgggctgag	tgaggagaag	cctcacctct	tggtgttccc	tccagatctg	360
gtggcagagc	agttttacact	gatggatgcg	gaactgttca	agaagggtgt	gccctaccac	420
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gccagggagt	gccggatcct	caagaacttc	tcgtcactgt	atgccatcct	ctctgccctg	660
cagagcaact	ccatccaccg	tctgaagaag	acgtgggaag	acgtttccag	ggacagtttc	720
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aaggtcaagc	acggagccag	ctccaccctc	cctcgcatga	agcagaaagg	actcaagatt	1920
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cccagactcc	agtttcatcc	tgaacctctc	ccgctgcttg	ggatttgacg	cctgccattt	2100
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gctctctgga	accagaggac	tagctgactt	tttggcaaag	gaagcagtgc	caacgggaat	2220
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<210> 4264

<211> 2442

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (4)...(775)

<223> similar to gi599683 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4264

ggcacgaggt	ctattgaaat	aaaagcccgg	gttacctaca	tagactatga	aggacgctct	60
gatgggggatt	ccattaaaaa	aatcattaat	cagatgaaac	cacgacagtt	gatcatcgtc	120

catggccac	cagaggccag	tcaagatctg	gcagagtgtg	gtcgcgcctt	tgggtggaaa	180
gatattaaag	tgtacatgcc	aaagctacat	gaaacagttg	atgccactag	tgaaactcac	240
atctaccagg	tgagggttaa	agactcactt	gtcagctctc	ttcagttttg	taaggcaaaa	300
gatgctgaat	tagcttggat	agatggtgtc	ttagatatga	gagtttccaa	agtggacaca	360
ggggttattt	tagaagaagg	agaactaaag	gatgatggag	aagactcaga	gatgcaagtg	420
gaagctccct	cagattctag	cgttatagca	caacaaaagg	ccatgaaaag	tctgttcgga	480
gatgatgaaa	aagaaacagg	tgaagaaagt	gagatcattc	ctactttgga	acccttgcca	540
cctcatgagg	ttcctggaca	tcagtcagtt	tttatgaatg	aaccaaggct	gtcagacttc	600
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tgtaagatt	tttataggat	aagagacctt	ttatatgaac	aatatgccat	tgtataaagg	780
acatgatgtc	aagaagtatc	tgcttgacct	ttctaagaaa	aagggtattc	tatcttactc	840
tgagcttttg	atgttttgtt	ttgtaacata	caaaaagaat	ctgccagaaa	aacttacatg	900
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tcttttggct	ttcagagtga	tagagctcct	aacagggtga	caggcccaag	agttgaaggt	1020
gattgggttt	ctttacagac	tccttgttct	ctagaagggc	tttttacttg	aataaaacaa	1080
tgcaacttag	caaaccaatt	tatggcctta	gagaaacatt	tttgcagtag	ttcttacaaa	1140
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aaaaaaacaa	aactgataaa	acagtttttc	gaaacttact	tttaaaagca	tacgtgctat	1260
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tattttccag	ggatttactc	tagggtaagg	tagtacacat	ttgggttcaga	aattaatttt	1380
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caccatcatt	tgagtataca	taattcaaaa	gaactacttg	atgcagtata	gtcttaaggg	1500
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tattttctca	atgggtgaagc	cctcttcttt	actcttaatt	tttttttgag	acagagtcac	1980
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aaactcctga	cctcaagcga	tccaccacc	taggcctccc	aaagtgtgtg	gattacaggc	2220
atgaatcacc	acaactagcc	tacccttaga	tttttggaag	gatcgatctt	atttaactat	2280
gtgtggaaca	accagtaaat	atcagactcg	aattactatt	tcattctatt	tcaaagtctt	2340
ataaagctac	tattgtagat	tatagtgtta	atgcaaagtt	tacagacttt	tgatatggaa	2400
aaccagataa	acacaacaat	gttacaaaag	gcaaaaaaaa	aa		2442

<210> 4265

<211> 931

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(293)

<223> similar to gi4803931 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4265

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ggcacgagga agccagttta caaacatccg ctgggtctttg ttttgctggc tgtacttgtg      60
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cttgtgacac ccattttatta tgtattcttc acatccatgg tagtgacttg ctctgccatc      180
ttattccaag agtgggtatgg catgacagct ggagatatca ttggggaccct gagtggattc      240
ttcaactatta tcattggcat ctcccttcta catgctttta aaaatactga cattacttgg      300
agtgaacctta catccactgc taagaaagaa gccgtctctc tgaatgtcaa tgaaaacaat      360
tatgtttttac tagagaactt ggagtgttca gccccaggat acaatgatga cgttaccttg      420
tttagtagaa ctgatgactg aagtctctag aaacactgag ttttaaccaa tatgagacac      480
acgaagagga aaatgaatgc ttgcttcttg gaagaactgc taggaaagt agcatttttg      540
cagttctaac taatttagat gtgaggccaa gtaaaaatgc catttttttg gccattgaat      600
ttgaaaatca aattgattat cctccagaat ctctacaaac tttgaaatac tctctaagga      660
tcaaagaagt caaagagcta tgttgtgtctc agaataatct ccttcttctg gtcacagtat      720
ctttgtctct gccagggtggc tcttcatttc tttggtagct atttttagac cttacagtca      780
ttcaccaata tacagttagc agtggtctga tagacacagt atcagtcata ttctccgttg      840
gagtcataat ttcaaactca acaagatttc agaaaggat aatcatggta atttctcata      900
ttaaactgg agaagagagg ccaggcatgg t                                     931

```

<210> 4266

<211> 1159

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(770)

<223> similar to gi886940 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4266

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aatgtcaatc tttacaacct tcaggacagc tgccggcaaa ttcaagaggc ctatgagaaa      180
attgtagcag ctggctgtat tcctctgacc ttgggtggag atcacacaat cacatatccc      240
atattgcaag cgatggcaaa aaagcatggc ccagtggggc tgctgcacgt ggatgcgcac      300
acggacacga ctgacaaggc cctaggagag aagctctacc acggggcgcc cttccgcccgg      360
tgtgtggatg agggctcct ggactgtaag cgtgtggtgc agattggcat ccggggctct      420
tccacgacct tggatcccta cagatacaac cggagccagg gcttccgggt agtcctggct      480
gaagactgct ggatgaagtc actggttcct ctgatggggg aagtcaggca gcagatggga      540
ggcaaaccca tttatatcag ctttgatatt gacgctctgg atcctgccta tgcgccaggg      600
acagggacac ctgaattgc tggctcact cctagtcagg ctctggagat catcaggggg      660
tgtcaaggcc tgaacgtgat gggctgtgat cttgtcgaag tttcaccacc gtatgatctt      720
tctgggaaca cagccctgct ggcggtctaac ctgctgtttg agatgctatg tgctctcccc      780
aaagtgacaa cgtctgagt cttgtgtctt tcaagacaaa acagattgct tcgctgacaa      840
gttctcaaga agaacttat agtaagcagt ctgagaacta aagagtttat gccaaagaaaa      900
ctttctgctg aaagtgtcat tgctggctgt gaagtcggga taatcagtag aattctcacc      960
caaacagcaa catttctaag gaacttgat taattggggg aaaaaaaaaa gagtacttgt      1020
actgctttga tttttatttc ctttggtatg aaagatggga gggataaagg ggaagtgagg      1080
agaatttctt tcaagattat ctaaactta gaaacatgac atttaaaaaa actatgaaat      1140

```


aatactgtat aagcattcc

1159

<210> 4267

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (276)...(985)

<223> similar to gi4426837 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4267

actgtaggaa	ttttgaaagt	gcaaaaggcc	aaccctaaaat	tctaccaaca	aaggtaacct	60
actggcattt	gggtatat	tttctctggg	ccttgctctc	cgcctttatc	tgatgctgca	120
gatgtaattc	tgtgttccgc	ttgtttgctt	catgttggtg	tatgaacatg	tccccctcaa	180
atctccctgg	gagccttcca	gcgatcagcc	ccctttgact	gtgtggctct	ggccttgggg	240
aagagctgag	ggtctcctgc	cctaacggat	ggtttcaggg	tgtgaaggtc	aaaggcctca	300
tcctcatcag	cccccagaac	cctctgggtg	atgtatactc	ccctgaagag	ctacaggagt	360
acctggtatt	tgccaagagg	cacaggctgc	atgtgattgt	ggatgaggtc	tacatgctgt	420
ccgtgtttga	gaagtctgtt	gggtaccgca	gtgtcctaag	cctggaaagg	ctccctgacc	480
cccagaggac	ccatgtgatg	tgggcaacca	gcaaggactt	cgggatgtct	gggctccgct	540
ttggcacgct	gtacacagaa	aaccaggatg	tggccactgc	cgtggcttcc	ctctgccgct	600
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agcctgggtg	gtttcgcttt	gtcttctcag	accagggtcca	ccggctttgc	ctggggatgc	960
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ccagcagcca	ctgtggacct	ggggcgcttct	ggggctgcag	aagactgact	gtggatgtgc	1140
catttgccag	gaaggtatct	aacttggtct	tgtgcctgaa	gaactgtttc	ttgtctttcg	1200
ctgtagcagt	gggaaactcc	ttaagctgtg	gttcagcctg	ggccctccct	ctctcctatt	1260
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gactgcttct	aaccagagcc	tcagccccc	tgaggatgtg	aaaagaaaac	aaacaacttg	1380
taccttcttt	ctgatatac	cgtcattcct	ctttctttgt	caccaaggaa	acgagtcaaa	1440
ggaacagcac	atacaggaga	gtttgtagaa	aaataaaaaa	aagtataaac	ttccaaactc	1500
aaaaaaaaaa						1510

<210> 4268

<211> 2247

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (75)...(288)
 <223> similar to gi6016714 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4268

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tectcaacct	cgttagcccg	ctgagctact	cggtcgccaa	tgccaccaa	agaatcatgg	180
tcatacgggt	gtccctgac	atgctgcgca	acccagtcac	cagcaccaac	gtcctgggca	240
tgatgaccgc	catcctgggg	gtcttctct	ataacaagac	caagtacgat	gcaaaccagc	300
aagccaggaa	gcacctctc	cccgtcacca	cagcagacct	gagcagcaag	gagcgtcacc	360
ggagcccact	ggagaagccc	cacaacggcc	tcctcttccc	ccagcacggg	gactatcagt	420
acggccgcaa	caacatctta	acagaccact	tccaatacag	ccggcagagc	tacccaaact	480
cgtacagttt	gaaccgctat	gatgtgtaga	gtccaaagga	caggaccaga	ctgttggtga	540
ctccttcccc	ggccccaca	gcagtatcag	aaacttctga	caatcagtga	atgtacaacc	600
cagccgaggg	gacggggcat	aactctccat	cagaagccct	ggggttcctg	gcccccggtg	660
agccgcagga	ggatgcgttg	cctgcagtc	agacggccgt	gagctctggg	caaacctaaa	720
cagagaccag	tgtctcatgc	tctttcttcc	tggagtctgt	catctgaggg	ccgtgtccct	780
gcggagatct	tggccacggt	gtacctttcc	atgtggaatt	attccccaag	cagtgtagct	840
cagagcactt	gtgtctgcat	tccagataac	attcaggacc	tgtgtgaaaa	gctgggggtca	900
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gactggctag	tttaattccc	tggcgagat	acgcatagga	ccaacagggg	caccaagcag	1020
acagggagcc	cgcgagaatc	attcaaaaaca	tccccagcca	cagagatgga	tccagtttcc	1080
tggtcatccc	cttagcagtt	cacaagttcc	tggcaaatgt	tccaaagcaa	aaagcgattg	1140
caattagcat	ccagttcctg	cagcctgggt	ctctgccctg	cagtcagggg	ttggcatcca	1200
cccagatcca	gatggaaggg	aaacttctct	cttctccttt	gcctcctctt	ccctcaccag	1260
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aacagtcaag	cccctaccac	aaagggggcca	gatccgttca	agttaggaag	cacttgcagt	1980
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aatgatgggt	tccagggaat	caaaaaa				2247

<210> 4269
 <211> 2012
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1115)...(1573)
 <223> similar to gil431240 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4269

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gagattgtga	gccatggtgg	ggagatcccg	gcggcgcgga	gcagctaagt	gggcagctgt	180
gcgagccaag	gcaggtccca	cgctcaccga	cgaaaatgga	gatgatttag	gattgccacc	240
ctcaccaggg	gacaccagct	actaccaaga	tcaggtagat	gactttcatg	aggcacgac	300
ccgggccgcc	ttagctaagg	gctggaatga	agtacagagt	ggagacgagg	aggatggcga	360
ggaggaggag	gaggaggtgc	tagccctaga	tatggacgat	gaggacgacg	aagatggagg	420
gaatgcgggg	gaggaggagg	aggaggagaa	tgccgatgat	gatggtggga	gctccgtgca	480
aagtgaagct	gaggcctctg	tggatcccag	tttgtcgtgg	ggtcagagga	aaaaacttta	540
ctatgacacg	gactatgggt	ccaagtcccg	aggccggcag	agtcaacagg	aggcagagga	600
ggaggaaaga	gaggaggagg	aggaggcaca	gatcattcag	cggcgccctag	cccaagcgct	660
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<210> 4270
 <211> 4288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (3)...(1174)

<223> similar to gi5817110 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4270

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agcgccgtg	cggcccggt	gaacacggcc	aaaggattga	gtggcgaaaa	tggaagcaac	120
agaagaaaga	ggagaaaaaa	aaatggaagg	atctcaagct	gatgaaaaaa	ctggagcggc	180
agcgggcaca	ggaggaacag	gcaaagcgcc	tggaagagga	ggaggcagcg	gcagagaagg	240
aggaccgcgg	gcggccctac	acactgagcg	tagccctgcc	gggtccatc	ctggacaatg	300
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tctgtgtgga	tgagatcggt	gtgtttgatg	aggaggccca	ggatgccaag	actgtggagg	420
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tggcacaaa	agcagccccg	aagcccgctc	aatgctctcg	atgggcacca	ggaagcgctc	1440
cagtgggatg	gcctcatcca	caggtgcctg	tgggcatcac	gtaggtgcgg	agctcaattt	1500
gcccacctgc	tgccctccagg	atcagcacct	tgaagaagtg	tgtgggcact	gccacgtggt	1560
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ctaggagaat	cgagccttct	gaatattcac	attcgtctga	ggggagactt	aacgactgtc	1920
catctctccc	cacagagggtg	agcaacaagt	gggcaaggac	catgacaggt	gacatcccag	1980
caccagcaca	ggtgccagga	caccggacgg	gggtccccc	tcagcagagt	ctcctccctt	2040
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cgagcaaggg	aagcttcac	tgtattttaca	gccaccccc	cattgatccc	acagcagcct	4020
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tggtgaactg	cgcagtgtgag	gagggttcgc	gctccttttg	aaaacctaat	gcctgatctg	4140
tcgttggttc	ccatcacctc	cagataggac	tgtctagtgtg	caggaaaaca	agctcagggc	4200
tcccacggga	tcttacatta	ctgtgagttg	tatatttcac	tatatgttac	aatgtaataa	4260
taatagaat	aaaatgtaca	taaatgta				4288

<210> 4271

<211> 987

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (961)...(622)

<223> similar to gi6018317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4271

ttttactgaa	aacattttatt	ttttattttat	ttattattat	tattattttta	tgagccagag	60
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ctcatgcctt	ccgggttcac	gccattcttc	tgcacagcc	tcccagtag	ctcgggactt	180
acaggcgccc	gccaccagc	ccggctaatt	ttttgtattt	ttagtagaga	caagggttca	240
ccccgtgttg	gccagggaat	ggtctctatc	tctgacctc	gtgatccaac	ctgcctcgg	300
ctcccaaagt	gctgggatta	caggcgtgag	ccacagtgcc	cggcctgaaa	acatttatta	360
caacaaaacg	tcagacctat	gtgacagtaa	gttaccacaa	gctggtaggg	ttgaaccggg	420
gcaggagtgc	ctggtacagg	gacctcactg	cccaccccat	gctcagctcc	tgcttgagg	480
aacctctggc	tgaccagac	acaggatgga	cagctgtcag	aaaatctgga	caacagctcg	540
gtaggcgcgt	tgggcagcct	cctcctgtcc	atgcttctgc	ccaggctgag	cctcggagga	600
ggcctgggttc	ctgggtcatct	tggggtgac	gacaatgctg	ctggttggtga	ctcggggccc	660
ataccagcct	gcccagtact	gggtgtccct	gccccatgc	tggaagagga	tgtagcggac	720
accccggggg	tagtctgaga	aggtgtagga	gacctctgtc	catgtggcat	tgttccactg	780
ttggatggtc	acagggtggg	gctcgaagga	ggccaacacg	aagtagtcag	ccgaggccag	840

ctgcactttg	agttggtagg	tgagccaca	gtcggctctg	gcagcaaacc	agtccttaac	900
cacgatgtcc	ggccggaatg	tgtctagtag	ctcctcccag	tagccctcgg	ctacaaggtc	960
cgaattccac	cgcactggac	taatgat				987

<210> 4272

<211> 1848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1801)...(673)

<223> similar to gi3875264 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4272

tttttttttt	ttgtatctat	gtaaatat	tattctgctt	ccagatagaa	cattgaagtt	60
tacatgttat	tttaaagaca	ataaacagct	aagctactga	cataaaatat	acaataaatt	120
tatgagatat	aaggtagaca	tgagaaaaat	ctgaaataag	tttttaactt	catttagcct	180
attaggaaca	tgaagatgtc	tgggaattgat	gctggccttg	gtctcaagta	ctttttccca	240
tatgtattcg	ttttatcctt	ccagaaagca	tatcatatta	gagtgtctaa	gaaatcagtg	300
aatcactaag	ttttccatct	taccgaagta	caaaacatta	tttcaaactt	aggccttctg	360
acagaatcca	atatctat	ttatacttac	ttttctttct	actaagttct	ttcataaaat	420
tatgaatcag	aaagcaagta	caagacatgc	ttatttcaca	cagaatatca	atgaagactt	480
aagaagataa	atagcaagta	cttctaataa	atcacaaatt	ttgacatttg	gaacaatata	540
attgccatac	tattatatct	tttattaaaa	aagacctttt	ccagcttggt	tccagacttc	600
ttttactcct	ttaatgcttt	ctttcttcac	acacttccag	tattcttgta	tactctgatg	660
ttgtggtacc	cataaacctc	gatgcattct	gttttttaac	acccaagaa	actcttcag	720
actaagacat	tcataccat	ccaaatcaaa	gatcttaaa	acagtgtcca	aaatattggt	780
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atggcaaaat	gacttgaatt	catccaaact	aatgctctct	cctgctgaca	acttctctct	960
cacatttttc	caataaatat	ctttattttc	agtgttagtg	aaaaaaagta	gccactctgc	1020
aaagtcttct	tttctcatga	aactcaaacc	tttagaaaac	tgaaggaatt	ccatttcttg	1080
aatctctggt	tgtaaat	ccataaatct	tcgaaattct	ttataatgaa	gttttctttg	1140
tcctcttttt	ccaaagaaac	gcatctgaag	agttgtgtta	atttcagggt	ctttcactat	1200
tgcttcctga	tatccagttt	cattagtttt	cactgtcatc	aagtcactct	gtttacttat	1260
gatcttctgc	agcttaaaaa	attccctttt	ttcaatcatc	tcattaccat	ctgtatccag	1320
catttttaaa	gcaacatgaa	atccagaatg	gggttttagtg	aggattgtaa	gcaagaaaag	1380
atactcggtg	tatgaaatta	gccctttatc	gccaaaggtc	ctgaaaaaag	ttgatccaca	1440
gccagctggt	tggatccctg	acagtgtatc	ctcgatgtcc	ttttttgtca	gcttcttgac	1500
tgaagtttta	cgttccattt	gctcaaacat	cactgagaag	aggaaagtct	gtggtgtcat	1560
ataaatattct	ccttcatggt	cgagtgaaga	aaactgcatg	aagcgtctgt	tacgaagaga	1620
cggtttccca	atataattta	ttccatgttc	aacatttttc	tgtgcggaga	ctgtaaaaact	1680
gccatcccg	gccgcaaac	tgacgcggct	gtggtgccag	gccgctcctg	ctcctgccag	1740
ggccgcgcgc	gccactgccg	ctgccaaagg	gccgggactc	cgcacagcct	gtcggctgac	1800
agcgagcccc	cgctcgaggt	ttccgcccc	ggccgccacc	cgcgcgca		1848

<210> 4273
 <211> 952
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(550)
 <223> similar to gi5802786 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4273

gttttttaaat	tctccatgaa	gtgtactatg	ttccatcatt	ccttcccaaa	gccaccggaa	60
gcattccttc	taggaaaggt	ggagtcggta	gtgagaagcc	ggaggtgccc	ctacagacat	120
acaaggagat	tggtcactgc	tgtgaggagc	aggtcttaac	tctggccact	gaacagacct	180
atgctgtgga	gggtgagaca	cccatcaacc	gcctgtccct	gctgctctct	ggccggggtc	240
gtgtgagcca	ggatgggcag	ttctgcact	acatctttcc	ataccagttc	atggactctc	300
ctgagtggga	atcactacag	ccttctgagg	agggggtggt	ccaggtcact	ctgactgctg	360
agacctcatg	tagctacatt	tcctggcccc	ggaaaagtct	ccatcttctt	ctgaccaaag	420
agcgatacat	ctcctgcctc	ttctcggctc	tgctgggata	tgacatctcg	gagaagctct	480
acactctcaa	tgacaagctc	tttgctaagt	ttgggctgcg	ctttgacatc	cgccttccca	540
gcctctacca	tgtcctgggt	cccactgctg	cagatgctgg	accagagtcc	gagaaggggtg	600
atgaggaagt	ctgtgagcca	gctgtgtccc	ctcctcaggc	cacaccacc	tctctccagc	660
aaacaccccc	ttgttctacc	cctccagcta	ccaccaactt	tcctgctctc	tggccggggt	720
cgtgtgagcc	aggatgggca	gtttctgcac	tacatctttc	cataccagtt	catggactct	780
cctgagtggg	aatcactaca	gccttctgag	gagggggtgt	tccaggtcac	tctgactgct	840
gagacctcat	gtagctacat	ttcctggccc	cggaaaagtc	tccatcttct	tctgaccaa	900
gagcgataca	tctcctgcct	cttctcggct	ctgctgggat	atgacatctc	ga	952

<210> 4274
 <211> 4928
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(4929)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(1699)
 <223> similar to gi4003521 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4274

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cagaattgag	caggatatgt	tagaaaagag	gaaaatacag	cgtgaattag	caaaaagggc	120
tgaacagatt	gaggacataa	acaatacggg	aactgaatca	gcatcagagg	aaggagatga	180
ttcactactt	ataactgtgg	tacctgtcaa	atcatataaa	acatctggaa	aaatgaaaaa	240
gaattttgag	gatctagaaa	aagaacgtga	agagaaaaga	aggatcaagt	acgaggaaga	300
taaaagaata	agatatgaag	aacaacgacc	atctctcaag	gaagcaaaagt	gtcttttcatt	360
agttatggat	gatgaaatag	aaagtgaagc	aaaaaaaaga	tcactttctc	ccggaaaatt	420
gaaactaact	tttgaagaac	tggagcgaca	aagacaagaa	aaccgaaaaga	agcaagctga	480
agaggaagca	agaaaacggt	tagaagaaga	gaagcgtgct	tttgaagaag	caaggcggca	540
aatggtaaat	gaagatgagg	aaaaccaaga	cacagcaaaa	atttttaaag	ggtaccgccc	600
tggtaaactc	aaactcagtt	ttgaagaaat	ggaaaaggcaa	agaagagaag	atgaaaaaag	660
gaaagcagaa	gaagaagcca	gaaggagaat	agaggaagaa	aagaaggcgt	ttgtgaaagc	720
aaggagaaat	atggtagtag	atgatgactc	cccagagatg	tataagacaa	tctctcaaga	780
atttcttaca	ccgggaaaaac	tggaaaattaa	ttttgaagaa	ttattaaaac	aaaaaatgga	840
agaagaaaaa	cgacgaacag	aggaggaacg	gaagcataag	ctagaaatgg	agaaacaaga	900
atttgaacaa	ctgagacagg	aaatggggaga	ggaagaggaa	gaaaatgaaa	ccttttgatt	960
gagcagagaa	tatgaagaac	tgatcaaatt	aaaaaggagt	ggctctattc	aagctaaaaa	1020
cctaaaaagc	aagtttgaaa	aaattggaca	gttgcttgaa	aaagaaatac	agaaaaaaat	1080
agaagaagag	cgagcaagaa	ggagagcaat	tgaccttgaa	attaaagagc	gagaagctga	1140
aaattttcat	gaggaagatg	atgttgatgt	taggcctgca	agaaaaagcg	aggctccatt	1200
tactcaciaa	gtgaatatga	aagctagatt	tgaacaaatg	gctaaggcaa	gagaagaaga	1260
agaacaaaga	agaattgaag	aacaaaagtt	actacgcagc	cagtttgaac	aaagggaaat	1320
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tggctccact	gctgaagatg	aagagcaaac	cagatcagga	gctccatggt	tcaagaagcc	1440
tcttaaaaaa	acatcagttg	tagacagtga	gccagtcaag	tttacggtta	aagtaacagg	1500
agaacccaaa	ccagaaatta	catggtggtt	tgaaggagaa	atactgcagg	atggagaaga	1560
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agatggagga	gagtatatgt	gtaaagcagt	caacaataaa	ggatctgcag	ctagtacctg	1680
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gcggggccaa	aaaaggaaac	caggagtgcc	actatctgta	cttcttattc	cttttcataa	1920
cagtcctcaa	agcacagctc	atctaaagaa	tgcctacttc	ttttccaaat	aagcatcaga	1980
tttatcgctt	attatgcagt	aacagtcaat	aaaaatgtact	tatggggggg	aattactcaa	2040
ttattctatc	agaacctatt	ataaagactg	tattttcccat	agacgtttac	agcaactatg	2100
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gaaggaatgt	catttctgag	ctttttacac	ctaaaattag	gctgaaatag	ctgagataat	2220
taatttggaa	cctatcaatt	tgagtggact	ttttcttttag	tagtacacca	ttttggttgt	2280
tgtagtttca	aagtctttcc	tgaagccaga	tatattgggg	attggggagc	gggtggggaa	2340
aactgtcact	ccctttcaga	ggaaaagggg	aggagcatgg	agaaaaacaa	aaattaaagg	2400
acttaaagaa	tggctataca	gtgttgagt	ttgaggatat	taaacatgtt	atttttcaaa	2460
cgtatgtaat	atatattaaa	tttataaagc	aaatttatgt	tgtgatcttg	cctgaacaaa	2520
ttatatttta	atgaaaaaac	tttctattaa	tagttcacgc	aagagaaaaa	actttcaaca	2580
tagtogaagg	cttcaagatc	taagtgtatc	agacttaggg	aaaaagtggc	acaaccttcg	2640
atttaaaatt	ctagtcttta	aaatgagttt	gtaataaatt	agctattacg	ttctattaag	2700
ttgttttata	ttttaatttt	ctggaagaca	attttatttt	acaacgtgaa	cccaaataaa	2760
gtaacttctg	gatttaaaag	tctttctgta	ttttaagact	tgtgcaacca	gatgttacct	2820
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gtcaagtaga	aaattttacc	atgtaataata	tgtataaaaa	acacaaaagc	ctccttttta	2940
aaagtcatca	atgtacattt	attgaggaaa	ccataatgaa	tacaaaatta	cagcaatcat	3000
gtgacctttt	acatacaatg	tcattaaagc	aaactctaaa	ccacagtgtg	aaagtattca	3060
atttacctca	agtcctcaag	gcattctccct	aagacactgt	tccatcacca	gtagccattt	3120
taagccaatc	ttcttttttac	acacgggtag	tttctgtaga	gaacattttt	ctcaggacga	3180
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tttctatagg	ggtatcactg	aagaaaaata	aacctgtggg	tttatttgct	tattaaaagc	3300
cccaatttaa	aaaaatccct	caaaaagctta	tattgtggca	agaaaaatga	agtcactaac	3360

tcaacaaaaa	ataaggtaac	tttcagagcc	aaaattatct	ttaattaggt	attgttataa	3420
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taaactctac	atcattattc	tacacaacag	ataactttct	aagtacagct	gattttactg	3540
gcagagtatt	caaacaaata	aaatgctatc	acttctgaat	gactcccctt	tccctctgaa	3600
agtactctgc	tattcctacc	caaaccacc	cttatgaatt	aactaccaag	ataatttggt	3660
taaaagatat	attttacaat	gtttataaac	aactagtatc	aaattactag	ttttagtatt	3720
aaaaccattt	tttatattaa	aaaataaaaac	tatacttctc	atttctaaaa	gaaacatcaa	3780
accatagaat	tctaagtatc	accacactaa	gctgtcttaa	aaaaaactaa	aaacattgtc	3840
aaatttttgt	ttaagtgc	aataagtcag	ttcagtttca	atctaaacta	tacattgttt	3900
ctaactactaa	tatccaatgc	attcaaatca	actggctcac	cttttctgct	ttccatttat	3960
ttcagactta	agatcagcgt	catttaaaat	aatgcttata	gtatcagtga	aggcttatgg	4020
taatgaataa	aagaattctc	atgagacaga	aacaatgccc	caatatctat	tatcatcaat	4080
ctatctgtat	ttttttttat	aaaaatgcaa	tctacaacta	acaaaaactc	aacaggctct	4140
caagtttcaa	tgagcccctt	tatattatca	attgtacata	cctatcattg	actattaaaa	4200
cataacatac	acataaatgt	ggtgtagtaa	ctatgtaact	taagaaattt	aacagttcat	4260
ggaacattta	agatcaagt	aatagcactt	taaaatgaaa	agtgatcaaa	agcagggtaca	4320
ttacacccta	taccatatta	tgtatgggaa	tacatttcat	atttctcaat	tatgatttgc	4380
caattttacc	ttctacattg	agcccttcta	tggtccatgc	tcacgggctc	accaatggca	4440
tacactcaaa	ggattcctct	ttatgggtaa	ctatctcagg	acctgatttt	atgagctatg	4500
atgtgtgtgt	tgcagcatct	tcagcactgt	gtgtgaaaat	gaaggcagta	tttttgaata	4560
tttttctttg	ttgcagagat	aagcaggagt	tttaaaagga	tcagcacatt	ttagaaatcg	4620
aataaataaa	actgataaga	tgctgctttc	atacattcaa	cttaactcaa	aatatgtacc	4680
agttaaaaatc	atctataaaa	acacacaaac	atttttaaact	ggcaaaaaaa	ttaaatgcag	4740
tgtcagttat	taaaatatta	ttaaatcaga	aaaatactga	ttgctacaga	ttatgaaagg	4800
ttatttgcta	tacagttaac	atttcactga	tgcacatgcc	ttttatcaaa	accggacgcg	4860
tgggtcgacc	gggattccgg	ngggttccga	ggaattcagt	anggtttcat	tggcctgctg	4920
tggccagc						4928

<210> 4275

<211> 1941

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (411)...(1263)

<223> similar to gi5441500 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4275

tcacaggagc	aaggagacca	gagcattctc	accacccagg	ccagttcccc	ttctctcccc	60
ctgggggggtg	ctgggtgccg	gacaccctc	cccaggggct	atattagccg	tgtgagtcac	120
ggtggaccgg	ctgggagcg	gcaggctggc	aggcacagt	tagggttaca	gtccatttat	180
gggcgagcc	gaaggcagat	atcagtgtcg	atggcattcg	ctcccagcta	ttcttaggag	240
cctctcaaga	gctccacgca	gcccggctgg	gcagcaagg	acagaacagg	caaggctggg	300
ggtcaggggc	aggggcagag	gtgtggaccg	ggcaggcgga	gtgcctgagt	gccctctcac	360
tcaaccctct	ctaccctttg	tctgcagagg	cggccgctga	cagcaccagc	atgtcttaca	420
gtgtgaccct	gactgggccc	gggcccctgg	gcttccgtct	gcaggggggc	aaggacttca	480
acatgcccct	cactatctcc	cggatcacac	caggcagcaa	ggcagcccag	tcccagctca	540
gccagggtga	cctcgtgggtg	gccattgacg	gcgtcaacac	agacaccatg	accacctgg	600

aagccagaa	caagatcaag	tctgccagct	acaacttgag	cctcaccctg	cagaaatcaa	660
agcgtcccat	tcccatctcc	acgacagcac	ctccagtcca	gacccctctg	ccggtgatcc	720
ctcaccagaa	ggtggtagtc	aactctccag	ccaacgccga	ctaccaggaa	cgcttcaacc	780
ccagtgcctt	gaaggactcg	gccctgtcca	cccacaagcc	catcgagggtg	aaggggctgg	840
gcggaaggc	caccatcatc	catgcgcagt	acaacacgcc	catcagcatg	tattcccagg	900
atgccatcat	ggacgccatc	gctgggcagg	cccaagccca	aggcagtgc	ttcagtggga	960
gcctccctat	taaggacctt	gccgtagaca	gcgcctctcc	cgtctaccag	gctgtgatta	1020
agagccagaa	caagccagaa	gatgaggctg	acgagtgggc	acgccgttcc	tccaacctgc	1080
agtctcgctc	cttccgcctc	ctggcccaga	tgacggggac	agaattcatg	caagacctg	1140
atgaagaagc	tctgcgaagg	tcaagggaag	ggtttgaaac	ggaacgtaac	agcccacgtt	1200
ttgccaaatt	gcgcaactgg	caccatggcc	tttcagccca	aatccttaat	gttaaaagct	1260
aaaaggctgc	ctggaatccc	cccaccccaa	caggctggac	tccctccatc	cttaccacca	1320
cacagatctg	gcattgtgagc	cccacggtga	tgcttgacaa	tgtataactc	tgctgggggc	1380
acctctgatg	gccaaccgca	gcatttctgt	cctctgccca	ccccagagct	gatgctgggg	1440
cccagcccc	tgcatctctg	taccaccaa	acctccccag	ggcaaccctc	gccaccccc	1500
aaatagcccc	tagcccaatc	ccctgccctc	tgacagggc	cttagctgta	gaccagagag	1560
ggcaggaggg	gtttgctggc	ataacacccc	agaaccaagg	gaaatggatg	ggccgctgct	1620
cagtttccca	ccatcctcag	ctcctggcct	catccctccc	tagaatgagt	caccgtaga	1680
tcagggtctg	gggaagaggc	tgatccctgg	cgctgcccg	ctccctcgct	gccctctgga	1740
gctcagggca	gcccgaata	gggctctttg	aagaggaagt	agaagcccca	gggtaatgag	1800
gcagagacct	ctcctggcag	tggtgagggtg	ggggcatgca	ccctccttcc	tgtaccgtgt	1860
gtgctggctc	catagtcttc	tcttctgtac	atataagcat	gcttggttctg	aaataaagaa	1920
gatttgaagt	gaaaaaaaaa	a				1941

<210> 4276

<211> 2674

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (55)...(1880)

<223> similar to gi32456 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4276

gcgcattgac	ccctagaaca	gcgctcgaat	tgccgcgtcg	acccacgcgt	gcgaaccac	60
acaatggcca	gcgataccag	cagcctgggtg	cagtcccata	cttacaagaa	gcgagagccg	120
gccgacgtgc	cctatcagac	tgggcagctc	caccccgcca	tccgggtggc	agacctcctt	180
cagcacatca	cacagatgaa	gtgtgcggag	ggctacggct	tcaaggagga	atcacgagagc	240
ttctttgaag	ggcagtctgc	accatgggac	tcggctaaga	aagatgagaa	cagaatgaag	300
aacagatagc	ggaatatcat	tgcatatgat	cattcccag	tgaggctgca	gacaatgaa	360
ggagacacaa	actcagacta	tatcaatggc	aattatatcg	atggttatca	tcgacccaat	420
cattacattg	ctacccaagg	gccaatgcag	gaaaccatct	atgacttctg	gaggatgggtg	480
tggcacgaaa	acactgcaag	tatcatcatg	gtgaccaatc	ttgtggaagt	gggaagggtc	540
aaatgctgca	aatactggcc	agatgacaca	gagatatata	aagacattaa	agttacccta	600
atagaaacag	aactactggc	agaatatgtg	ataagaacat	ttgctgttga	aaagagaggt	660
gtgcatgaaa	tccgagagat	cagacagttt	cacttcactg	gctggccgga	tcattgggtc	720
ccctaccatg	ccaccggcct	gctgggatcc	gtgcggcaag	tcaagtccaa	gagcccgccc	780
agtgcaggcc	cactggtggt	gcactgcagt	gctggtgcag	ggaggactgg	ctgtttcatc	840

gtcattgata	tcatgttga	catggccgaa	aggggaagggg	tcgtagacat	ctacaactgc	900
gtcagggagc	tgcggtcacg	gaggggtgaac	atggtgcaaa	cagaggagca	gtatgtgttt	960
atccacgatg	cgatcctgga	agcctgtctt	tgtggggaca	cctctgtgcc	tgcttcccaa	1020
gttaggtctc	tgtattatga	catgaacaaa	ctggatccac	agacaaactc	aagccagatt	1080
aaagaggaat	tccggacgct	aaacatggtg	acaccaacgc	tgcgagtaga	ggactgcagc	1140
atcgactgt	tgccccggaa	ccatgagaaa	aaccggtgca	tggacatcct	gccccagac	1200
cgctgcctgc	ccttcctcat	caccatcgat	ggggagagca	gcaactacat	caatgctgcc	1260
ctcatggaca	gctataaaca	gccttcagct	tttatagtca	cccagcatcc	tttgccaaac	1320
acagtgaag	acttttggag	actggtcctg	gattatcact	gcacatccgt	agttatgcta	1380
aatgatgtgg	atcctgcccc	gttgtgtcca	cagtactggc	cagaaaacgg	agtacacaga	1440
cacggcccca	tccaggtgga	atttgtctct	gctgacctgg	aagaggacat	catcagcagg	1500
atattccgca	tttacaatgc	cgccagaccc	caagatggat	atcgatgggt	gcagcaattc	1560
cagttcctgg	gctggccgat	gtacagggac	acaccagtgt	ctaagcgctc	cttcttgaag	1620
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gtgcactgct	tgaacggggg	aggccgcagt	gggacgttct	gcgccatcag	catcgtatgt	1740
gagatgtccc	ggcaccagag	aaccgtggat	gtctttcacg	ctgtgaagac	actgaggaac	1800
aacaagccca	acatggtcga	cctcctggat	cagtacaagt	tctgctacga	ggtggccctg	1860
gaatacttga	attctggctg	atggtgtaaa	cagctctgca	aacaatecct	ttcataccac	1920
aaagccaaga	cgttccatgg	tatttgtgca	aaagagatga	agacttctca	atatgcttat	1980
tttgctttgc	ataattggct	ctttttaaga	gcccaagaaa	gtgtttctaa	aattgcttgc	2040
actgccaat	cccagtaatg	ctgctgcctg	acagaaacac	acacacagcc	acagttgccca	2100
aatcccgtac	tccttgccac	cggcttccta	gagcagcgta	gacagctggg	aaactgaaga	2160
gcacaactat	attcttatga	aggaatttgt	acctttgggg	tattattttg	tggcccgtga	2220
ccctcgttat	tgttacagct	gagtgtatgt	ttttgttctg	tggagaatgc	tatctggcat	2280
tatggtaata	tattatttta	ggtaatat	gtactttaac	atgttgcata	atatatgctt	2340
atgtagcttt	ccaggactaa	cagataaatg	tgtaatgaac	aaagatatgt	tgtatgagtc	2400
gtcgtttctg	tcagatttgt	attgtttcca	agggaaaagc	ttgggggagg	actcagttca	2460
caaaatgcaa	aactcaacga	tcagattcac	ggacccagag	cttttccatg	tgtttatatt	2520
gtaaatattt	ttgatttcat	cgaaattatt	tattcattaa	aagaaatttt	tgtgaagcac	2580
agtgaagtac	aatcattttt	cttaaggcct	ggaaacgatt	ttctgtatga	tgttacttta	2640
tgtgaattct	catctcaata	aatgatgacc	cgtg			2674

<210> 4277

<211> 1247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1248)...(319)

<223> similar to gi404751 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4277

tttttttttt	ttcagtgccc	attggagatg	tttattacac	tgcttcggct	ggacacgcaa	60
ccatgtgaca	ctaattgtgtc	atagaaggtc	tctgagcact	ttggctcatt	ttgaatataa	120
tttttaaaaa	tatacacaag	gctggctttc	caatgtttta	aatcattgta	gaaaccaaca	180
ggttgaacag	aaatataaaa	gtacagaaaa	tggttttcct	gctttgggtg	tggttgtggc	240
ggccgaggaa	cgtgactgct	gctgtttaca	caagtccaga	cgctgccagg	gcctgttggg	300
atcagctcag	tctgcgacta	aaacagctgg	atcatcgact	ctcttgactt	gccaacacca	360

acccatttga	ctgagagagc	agaaaagact	gttatgatac	acactgcgac	tcccacgtga	420
ttctccacaa	agcggatgta	gttctgggcc	tgtgggggca	ggtcctccca	cctcctggcg	480
cctgtggtgt	ctgctttcca	cccaggcagc	gtttcatact	caacttcgac	cttctgaagc	540
atctcctggt	tagctgggaa	ataggggaatc	cttttcccgt	tcagcttgta	tgagacaccg	600
actttaacct	cacccagtac	gtccaggatg	tccagcttcg	tcagggccag	cgcagtgaat	660
ccgttgacca	tgtgagcata	tcttagaatc	atcaggctga	gccagccgca	gcgcctcttc	720
ctgcctgtgg	tactcccca	ctcgtggccg	cgggtctgca	gcaggcctcc	aatctcgttg	780
atctgctcgg	tggggaaggc	ccgatgccc	acacgtgtgg	tataggcttt	caccacgcca	840
tacacgtcac	ctatgttctg	cggggggatg	cccaggcccc	tgacacaccc	gcccacggtg	900
cagttggatg	aagtcacaaa	ggggtaggtc	ccgaagtcaa	tgtcgaggag	ggcggcggtg	960
gcacctcca	ccaggatctt	cttggggggg	ccgtggagtg	cctcatacat	aaagtaaaca	1020
ccatctcgga	ccatgggtct	gatccgctca	gcaaagccct	tgagcctttt	gagttggcct	1080
tcaatgtcta	tttcagggtg	ggggaacatc	gactgggtgc	ggtggggccag	gttcttgaat	1140
ctggaggaaa	actcatcaaa	atctgacagg	aggctcgaga	tgcgagggcc	tgtccgggca	1200
gctttggaag	agtaggttgg	tccgattccc	ttcttggtgg	tgccctat		1247

<210> 4278

<211> 201

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(186)

<223> similar to gi536845 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4278

aagaaatggg	caaaggtata	gacagcctat	ttaatgaaat	aatagctgaa	aacttcccag	60
gtcttgctag	agacatagac	atttggaagc	tggaactca	aggagtccca	aatagattca	120
atctaaagag	gtcttcccag	agacaaatga	tagtcaaact	gtcaaaagtc	aaaaacagag	180
aattctaaaa	acagcaaaag	a				201

<210> 4279

<211> 524

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (526)...(353)

<223> similar to gi206537 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4279
gacgggggttt gaggagcttt gatacaaaac cccccggagg ggaggggtca aaaaaagaaa 60
agtgggggaa gagagaaaaa gcaaagaaaa gacacgatgc acggagaaag gagcagctga 120
aagtggcctg gactccagcc ctggctgttg tctgggtgggt gcgggatggg gagacagtgc 180
ttgcggcaca tctgtggggg cgtagcaggg ctgtggctgg ggaaacaggg tgaagaagac 240
cactccaggg tggacgggct ggggacaggg gctgcttgag atgacagcag agccgctctc 300
agggccaggg agggggagta gtggctactg atactcaata gggtcacac atgagaggac 360
agcaggcact tgtttcatag aagtccatgc catactcctt cgccagctgc tgccttctgct 420
ctcttccac ctgccgtttc tgctcctcat cagccttatt cccaataagg atcttctgga 480
cgcttcttgg tgcgtactca tccacgtcac tgacccactt catg 524

```

```

<210> 4280
<211> 1216
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1216)...(501)
<223> similar to gi2832770 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 4280
gcgcgcggcc gggccccggt gtctgggacc ccaactgtga caggcgagaa ccactgtctc 60
tgatcaacgt gcggaagagg aacgtggaat ctggggaaga agagctggcg tccaagctgg 120
accactacaa agccaaggcc acgcggcaca tcttcctcat caggcattcc cagtaccacg 180
tggatggctc cctggagaag gaccgcactc tgaccccgct gggtcgggag caggctgaac 240
tactgggct cgcctggca agcttggggg tgaagttaa taaaatcgtc cattcgtcta 300
tgacgcgcgc catagagacc accgatata tcagccggca cctgccaggg gtctgcaaag 360
tcagcacaga tctgtgcgg gaaggtgccc ccatcgagcc agaccgccc gtgtctcatt 420
ggaagccgga agctgtgtat tacgaagacg gagccggat cgaggccgcc ttccggaact 480
acatccaccg cgcagatgcc aggcaggagg aggacagtta cgagatcttc atctgtcacg 540
ccaacgtcat ccgctacatc gtgtgcagag cactgcagtt tctcctgaa ggctggctcc 600
ggctctccct caataatggc agcatcaccc acctggtgat ccgacccaac ggccgagttg 660
cgctcaggac cctcggggac acggggttca tgccctccga caagatcact cgatcctgag 720
ggctccggcc tctccttccc tctgtcctcc ctgcacaggg cgcacacact taacgttttg 780
ttcccaagga gaccggcgga aagtagaaac ctgcaatgct gcatctggga actgacttgt 840
gaccaggctg agaaggggag agttgggatc agacagcctg acttctctgc agggttttat 900
acctgaccat gaaccccccag gatggcgtgg ggtttaaggt gaaagcgtct cagcacaag 960
tcaggcctgt tgtggggacc tgaaagaggc ctgaccagc ccaccatgtt cgcaccaca 1020
gctgaccctg gctgagggtc caggctccat tggcaaagcc ggtcaggcac gagggcgact 1080
gaggcacgtg gatgaggagg gcacccaggt tctgttcaca actcattca cttcatacat 1140
ccttttaatt tcttaaaacc ctcttgctcc ttaaattatt gtcaattaaa gattttctgg 1200
ctgggcaaaa aaaaaa 1216

```

<210> 4281
 <211> 1559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1521)...(1393)
 <223> similar to gi1334349 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4281

agcggagagg	cccgaacacag	agcagcaggt	agcttttctc	tgctggcacc	ctggagacag	60
cctcggctgc	ggggcccctg	ccttctagtc	ctccccagct	ttcaggacac	cttgacaacc	120
tggggtcctt	gcagaagtgg	cccggctgtc	ccccaaagtct	cctgaagcta	tctgggtagg	180
gtgggaggca	gtgctgtgag	ccacaaatgc	aaagcagagg	ggacagatgt	tgggactcaa	240
agacatgagg	tagagctggc	cccatgggta	ggtgccacca	ccagagccca	tgaggcttcg	300
tgttctagaa	ggtggtgggt	tagtgccgca	ctgagggcgt	gtccgggagg	gagcatgtgt	360
caccagggct	caggaaacag	catgagtcac	gacgcggggg	tgtttaaggc	attcgtgcc	420
cagcggggac	ctcggagcta	tgccctgata	aggcaagtga	ggttacatgt	acgatgatgc	480
ggtttgtgct	gcagactgga	aaaaagcagg	ggctttgtcc	tctcctgacc	ccctcacact	540
ctgccttcac	ggtaggctcc	tgagaggggg	gtctccaagg	aggggtgtcag	tactgcagct	600
tcagctggcg	tggatggggg	gcttacagga	gcagcagggc	tgaggggagat	gacagcagta	660
cgaaccgtgg	ctctcctgag	gcctgggttt	cctcatatgt	aaaatggggg	ttgcattaga	720
ccataccctt	ggcctgtgtt	taggcaaata	gggatgaaag	tggggccaag	ggctgaagag	780
ctgggtccgc	tgccgtcggt	gcccttcttt	cttgccaggt	gagtgaactg	cgcaatcagg	840
tctacctgga	ggatggactg	gacccttccc	caggcgaggg	ccgtgtgggt	ggcaggcagc	900
ggatgcacaa	ggccttggac	aggggtggagg	agcaccagg	ctccaggatg	actgctgaga	960
aattttctgaa	caggctcccc	aagtttgtga	tccggcaagg	cgaggtgatt	gacatccggg	1020
gccccatcag	ggacaccttg	cagaactgct	gcccattgcc	tgcccggatc	caggagattg	1080
tggtggagac	gcccaccttg	gccgctgagc	gagagaggag	ccaggagtca	cccaacacac	1140
cggcaccctt	gctctccatg	ctgcgcacac	agtctgagaa	tggggaacag	gccttcctac	1200
tgatgatgca	gcctgacaac	accattgggg	acgtgcgagc	tctgctagcg	caggccaggg	1260
tcattgatgc	ctctgccttt	gagatcttca	gcacattccc	gccccacctc	taccaggacg	1320
atacactcac	gctgcaggct	gcaggccttg	tgcccaaagc	agcactgctg	ctgcgggcac	1380
gccgagcccc	gaagtccagc	ctgaaattca	gtcctgtgtc	ctgtcccggg	cccggcccca	1440
gtccctgtcc	cgggtcccgg	cccggcccca	gtccctgtcc	cggaccagct	cccagccccc	1500
aataaagcac	ccgccccctc	aaaaaaaaaa	aaaagggggg	gggctgttaa	gaagatccc	1559

<210> 4282
 <211> 2150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (70)...(1230)
 <223> similar to gi2662161 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 4282
cgggccgagc agtgggctga tgctgccgac gtctctgggc ctgacgacga gccagccaag      60
ttatattctg tgcattggcta cgcgtccgcc atctccgccg gcagtgtctgc ggaaggcagc      120
atgggcgata tcagtgcgat atcctctcat tccagtgggt ctcaccattc aggaagccct      180
tcagctcact gttcaaaaag tagtgggtct ctggattcat ccaaagtcta catcgtgtct      240
cacagcagcg gacaacaggt tcccgggtcc atgtccaagc cctaccacag acaaggggca      300
gtgaacaaat atgtcatcgg ctggaagaaa tcggagggca gccaccgcc cgaggagcct      360
gaagtgactg aatgtcccgg gatgtatagt gagatggatg tcatgtccac agcaactcag      420
catcagacag tgggtgggaga tgctgttgca gagactcaac atgttctgtc taaagaagat      480
tttctgaaat tgatgcttcc tgacagcccc ttagtggagg aggggcgaag aaagttttcg      540
ttctatggga acctgtctcc aaggaggtcg ctttaccgca cgctgtctga cgagagcatc      600
tgcagcaaca ggaggggggtc ctcccttggc agttcccgga gttccgtgct tgaccaggcc      660
ctgcccacg acattctgtt cagcaccacc ccaccctacc acagcacgct gcctccgagg      720
gcccaccccg caccagcat ggggagcctg agaaatgagt tctggttctc cgatgggtcc      780
ttatcagata agtccaagtg cgcagatcct ggcctgatgc ccctcccgga cacagccaca      840
gggttagatt ggaccacct cgtggatgct gcacgggcat ttgaagacca gaggggtggca      900
tccttctgca ccctgacaga tatgcagcat gggcaggacc tggaaggggc ccaagagctg      960
cccttatgtg tagatccagg cagtggcaaa gagttcatgg acacaactgg ggagcgttct     1020
ccatcaccac tgaccgggaa agtcaatcag ctggaattaa ttcttcgaca actccagacc     1080
gaccttcgga aggaaaaaca agacaaggcc gttctccaag cagaagtgca gcacctgaga     1140
caggacaaca tgaggctgca ggaggagtcc cagaccgca cagctcagct gcggaaattc     1200
acagaatggt ttttcaccac catcgacaaa aaatcttagc caatccgcac ctcattcaagg     1260
gaccttggg aaatgcccct tgtccctttg aagtcacaaa catgtggttt ttctgtgtgc     1320
tttcaacca tcgtagatgt ttttgctgtt ccattctgtg tagcaccatt caccacagca     1380
ggatagggag cctcgactct ttctcggtaa ccacggcaga gagcagcgcc gatgtgaaga     1440
tgaatgaatg taactcctgg tgtgaagatg aatgtaaacc ctggcgacag ttgagacctt     1500
tttcttttag actctgctaa aacagtgtc tggcttgggc ttacctcaag agggagata     1560
gttgagtttt atttcctgta tatcaggatg cctggtagag atgtaaagca atttaccata     1620
gtttgggctt tagtattgta aaataaacat gagaacaaat aatcagacat atactttaat     1680
gttaaagggt ctctattttt ttggatgtac agtagtttta tttccacagc cacattacca     1740
tagcaataag aaaggaggca tagtacatag ttggaagagc tttgtggggg gattaaaaaa     1800
aaaaaaaaag actgtggggg ttaacactag ttcagatgca gttaccttaa aaacttattt     1860
atgtgcagga acaagggggg cctgaatatt aacagggttc tgattaaaaa aaaaaaaaag     1920
atacatatgc cttgaaaagg gctcaccgag gggccagtag tcaacttcaac tcttagttca     1980
cttttgata gctgctctgc tggaaaaaaa tgaaagggaa tctgcttact ccctaaaact     2040
tccttggggg ctgggagcca gcggaaccac ttgtacaatg ccagatttgt ttatttttgt     2100
ccaaaacctt tgatgaaggg ccttgtattt aacccctta tttagcttg      2150

```

<210> 4283

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (604)...(342)

<223> similar to gi202523 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 4283
tttttttttt tttcagcggg aaaaatgtgg atttaatgga atgaaggatg aaagggcccg      60
aagccagcaa gtctcgcccc acctaccagc cccacccag ctcccaagg gtctcagagg      120
gacactcttg gcactggcct ttcacatctg ttcaacaacc cctgagctga aaagttgcag      180
tgaggagcct ccagctcagc aggtggactc caaaataccc ctcttgtctt atccactcca      240
ggtcgggggc agggaagcac atggggctgc ttctgccacg ttcctccac agccatcccc      300
aagccaggc acacaggcac catccaaggg cctgccccct agcagtgaga cttagctct      360
gtgagtctga gcagtgaggt cctgggggtg gcgggagccg agggtcctgc tgggttcgcg      420
tggggcaggt cctcggctgg gcacatgagc tgacggattc tctctctgaa ggggcccttg      480
agggttccga gtctgtagag gctccaggca ggaatgcaga ccatggagga cagagccagg      540
agccagccca gggcatcgcc ccaccacggg tacgtgtact tcttggtgta ggtcagcgga      600
g                                                                601

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<210> 4284

<211> 2635

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2638)...(1065)

<223> similar to gi2635219 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

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<400> 4284
caccacgcct ggccaacttt tgtgttttca gcagagacgg tttcaccatg ttggccaggc      60
tggtgttgaa ctcttgacct caagtgatcc acccactca atctcccaa gtgctgggat      120
cacagggtg agccaccact cccggccaat aatatcttta aaactaaaa aaaaaacaga      180
aaattgataa gtaaaatgac ttttactatt gatatcagtt ttgtttaatc tgaaactata      240
aaatagagat atatctacct atttatggat ggataatacc atcatctcat atttgtggaa      300
tgctttatag tttttcaaag tacttttatt cactttatct tccatatatg ttatctcctc      360
tgattccagc aataacagcc cggtagagga gccaggggcaa gtatgttttt ttacacatta      420
gcaggaaggg aggctaagcg aggtttatgt aacttactca ggctgaaaca ctgaagaaaa      480
atgtgtgact ctcatctcag tgatgttttc tgcattatta aaaaatatta tgctactcct      540
cactatatta tgttgatggt tgaaatgtca ttataaagct taatttatat gattctcttg      600
atgaggatga tgaagcaaat gctccatcaa ctactagtt tacaggggca agcattttcc      660
tacatttcac acataatttg attacctctg tcctaagtga ataactact atctgggtat      720
gagaaacatg atttgaaaac actaaaccac tatattattt caacaaagaa ccattcttca      780
cacctaagta aaaaggaact tcaaaaaaag tcctaaccaa aaaaaatcca aatgatgcat      840
gaaatcaaaag tcaaaaattg gggtaatttt taatctgttt cttcggttgt ggtgaagaat      900
gttgcttgga ttccttccaa tctaaagact tgattgttag acctgtggca gaactctaga      960
tctgacttta gccttgggga agcaaagagg acaaaacctt aaagctcaac tttctgcatg      1020
gtatgcatga ttcaatgagc tctttctgct ttggagtctg ttggcttgga gactcggata      1080
tgatagggct tcagttcctc aggagggaca gaatctgggg tattgctcat gaggtcatgt      1140
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catatcagtc tgtctaacc taaggcaatt cctccatgag ggggtgcccc ataactctaaa      1260
gcctggagca gatgggagag cattttcaca tcctccttta gtaagggtgc caggatataa      1320
cgctgcagct ctgcattgtg aattcgaatt gaaccacctc ctatttcatt gccatttaaa      1380

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accaagtc	atggttgg	acgggcctt	ttgggctcag	tgtacaggag	atgtatgtca	1440
ctgggggtg	gagcagtaaa	tgggtgggtg	gccgattcca	gctctctggg	atcttcctcc	1500
ttgggcagga	agagtgggaa	atctaccacc	caaaggaaag	agaacagagt	gggggtcacgg	1560
agcaccactc	ctcttggttc	tagaagggtca	gcacattcca	gtcgtaat	tcctaacaaa	1620
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ctcagtcgca	ggttatactg	catttggaaa	ctacgcaagt	ctaagtagcg	atactgcaac	2460
cgaagagcct	ctgttttctt	cacgaagttc	ttaatctcaa	agggcagctt	cttgaggcca	2520
ttcagaagct	cagctgtttt	aactttgatt	tcaatctcac	ctgttggcat	ttttggattc	2580
tcttgctctg	caggacggga	aatgactgta	ccagacactt	gcaccacaga	ttcca	2635

<210> 4285

<211> 2644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2643)...(1538)

<223> similar to gi474282 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4285

ttttttttt	ttagacaggg	ttttgctttg	ttgccccggg	tgaattagac	tttgggtttc	60
aaaaaaaaa	aggggtcaggg	gaggaagagc	tgtcacttca	gtgttaggac	ctgagctcct	120
tgtctgcac	aacagcccca	gtgtttcagg	ccccctcca	gggagggcat	cagggagggg	180
gggaaagggg	gctgggttat	gggaagttca	ttcttctgcc	agatagtctt	tcggctgctc	240
ctttttatct	tctgggtctt	ggcttgaagg	tcacctgccc	agagaggccc	tccttgacct	300
cgtagggtag	gtcctcagct	gtctatctat	ctcctttgta	gcatttccta	tgacctgcag	360
tcacttcact	tacttgctag	tttcccttac	catcgcttcc	tccctcttg	accttgac	420
tgcagggtct	atgactgtct	cactctcagc	ggtgtccctg	gcctctagcc	cagtgtctgg	480
tccgttgtag	gcactcacca	agcatctgct	gaatgatgga	acagacggac	actcaactgg	540
gggtggccag	agacggcagg	ggcgagactc	ttctttgcct	tttttgggct	gtgtgacctc	600
agggaagttg	ctgctcctcc	ctgggcctct	tcccaatcta	aacctgagta	taaataaaca	660
actgcattct	aagggctggc	ctcatgcttc	tcgaatatat	caggaccgat	ttcaggggag	720
gtaatagaag	ttggaatcgt	ttactaaatt	ataccttaaa	tcaactgctg	gctgattatt	780
atctctgatg	gtaacattgc	aatgggtttt	ctaggagtca	ctgatgtgca	atgagcccaa	840
tcatatttct	tattcaataa	actcttttat	tctagtccac	agatttttcc	attacaataa	900
taatgaaaat	agcactagta	atcttgtaaca	ctgaggccca	aagggaaacc	cctcctcaaa	960

ttataaggta	aatgacacaa	agttgaacat	agggtcagtg	ttgggcaaaa	agcattttaa	1020
atatagataa	cggggtcaag	atthttgtgtg	tgtgcaaaca	ctgggttttg	tttttcagga	1080
tgacaccatt	ttagaaagt	catgattttg	aaaactatat	gtgtaattgt	gacaaaacta	1140
aactgtagag	aaaagacaaa	atcaagcaaa	aacaaaaacc	aagaaaccaa	aaggaagcaa	1200
atcaaataca	aggggaggat	atgcaaacct	cgggtccttt	ggccctggaa	tggcaagtga	1260
gtgggcttca	tagaaattct	ctgtagaaag	gaatgtgtgg	gccagtgtgg	ccatggccct	1320
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atggggtcag	tgtctgcccc	aggctctgcc	ggagctgtct	gagtggttca	ccgggagtgg	1560
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ccacaggtag	atgtagctct	ccaccacctc	tggccggagg	atgtagtagc	tctcgctcag	1860
ctgggtggcc	acggcctctc	tgccggagtt	aaaccagaag	gcctcaggcc	caagtttggt	1920
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acaggccagg	tgccccatct	tgtggtccag	aatccccctc	cgccactcgg	caatgtaggt	2100
cagccccccg	ggagagacat	tcagcaagta	ggtctctatc	gcctccaagg	cttcgtagta	2160
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ccagttccca	ctttttgaagc	tcaccacgcc	ctttgggatt	cccggtgggg	tggtgaacgc	2520
cggcaggagc	ttctctccca	gcctgatggc	ctttattcgg	aacacctctt	ctcctgtcag	2580
gtagaaggct	gagaggagtc	ccccgatgta	gcggatgttc	acctcaaaca	aggatgcttc	2640
tccg						2644

<210> 4286

<211> 1542

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1440)...(1146)

<223> similar to gi553070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4286

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acttgctgta	agataagtgt	tttagtattt	cagccaccct	taggcacaac	tcagccaggc	180
ctaggaagca	acccaacgtc	attgccatga	accatttaca	caagtcacac	caaaatcaac	240
tgacacattt	ttttcctgat	ggaacagtta	aaaaaacaaa	aaactataca	gtcaaagtct	300
gggggtgaag	agcgtgaagt	tcacagctcc	tccacacacg	cccaactgag	catgctcatc	360
ctgtgagggg	gaaccagagc	cttcctgtaa	accatgagag	cttaccaatg	tctggtatac	420
aaaatattct	ggcccataaa	ctcaacctgt	ttttgagggg	taggggattt	tccatcttgt	480

acataaagaa	agaaatctgg	gtatccttca	ggttagaaag	gcattctgta	agaatagtgt	540
tccagagtta	caaatacatc	tggttaagaga	aaagcaattc	ttcctcttgg	ggaaaaagag	600
gaaaagaaag	aagaaaagag	aaaaaagaaa	aaagggggaa	aaaagaaagc	ctatcaatgc	660
ttaatctgtt	ctttcattcc	cactgtaaata	cacatccaat	acatttggtg	aaacttgcaa	720
cgggaccacc	atttacaagg	tagttgaatg	cagaaaccga	aacggattat	gccccctccc	780
cactctaaag	gaaaagacac	agagtacatt	tcacatattc	agagagtggc	tcagtgggct	840
ctttcaagcc	tcataaatcc	tgtccccctg	ctcagaacaa	cacttccttt	tctgtagcag	900
ttccacaggc	cctcttggcc	cttctgctcc	agccctttct	ggaaccagga	atcattgcca	960
atattcaacg	ttcctgcact	aggagaacct	caggccctct	tcctgggaag	accaaaccce	1020
cttgagtget	cctcctgett	cagacggagg	tgacagtcc	cactttggca	gagagggctt	1080
gcttaaacct	cctcttcagg	tcctgcatgt	tgggtgactt	gggcctggga	atgagggagg	1140
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ggtcagcttt	gttggcctcg	accaccacag	gcagccgggt	gccaggtgt	agcttctgca	1380
cgtgctgggt	gagctggctg	atgagttcat	agctcttgta	gtcagtgatg	gagtacccca	1440
tccccccagc	atgtgcacag	ccaatgcact	atattaagct	gttactgca	gctcagcctg	1500
ttctcatggt	cctgaatacg	tggagtgtgt	tgaagctgtc	ag		1542

<210> 4287

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1311)...(500)

<223> similar to gi3879119 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4287

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caaaacatgt	cccagtcctg	ggaggcttgg	gaagagtggg	aaccagggga	acccagggat	120
gggattccac	tgaaaacaaa	ccgtcctgct	gtcctgtcga	gggccccac	ccacaggatg	180
tagccatggg	acagccactg	agggctccagg	aagagggggc	gcagagcagg	gaggcagggg	240
cagggagggg	tcgccccagg	gcagtggcag	ggctggaact	cgccccctaac	atccctgagc	300
cccagcaggt	gccctgtgtt	agaagcgaga	gggctgggtg	gggtgcgtgg	acaaggggca	360
gaatgatcct	gcccccaacc	agtatcgcca	ggcgctggcc	cagtggcccc	aggccctggc	420
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gttcacctcc	accacctggt	agggcagggc	atggaagtcg	aggaaggctc	ggacccccgct	1260
gcagaaggga	cacgtcgtgt	actggtacag	ggtcagctgc	aggcggctgc	acagggagag	1320
ctgagcggct	gag					1333

<210> 4288

<211> 1966

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1157)

<223> similar to gi4240227 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4288

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ttagtagatt	ctatagactt	ggatgcagtg	tcagccttac	ttgcaagaac	atcagctgag	180
ttgttagctg	tggaacaaga	attagcacia	gaagaagaag	aagaatcagg	acaagaagag	240
ccaagggggc	cagatggaga	ctggctaaca	atgctaagag	aggcctctga	tgaaattgtg	300
gctgaaaaag	aggctgaagt	taaattgcc	gaggacagta	gctgtacaga	agatttaagt	360
tcatgcacta	gtgtgcctga	gatgaatgaa	gacgggaaca	ggaaagaaag	caactgtgcc	420
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actgatgaag	ccgctaata	caatatggca	gttcgcccc	aagagcgag	cagcctgagc	540
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caagtctcca	aggacgtgtg	tcggctccgg	gagcagagcc	agaagggtgcc	tcggcaggtg	1080
cagtccttca	gggagaagat	tgccacttcc	accagagcaa	agataagcat	cccatccctg	1140
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tagggagggg	aaaagactga	agatttgtgt	ttttgttttg	gggtttgggt	ttttttggta	1260
acgtaactgt	caactcttga	agaactttta	tttcacatca	gattttcaac	acattaattt	1320
gtaaagtacc	ttgagtgtaa	tttttatatg	cttaaaaaag	aaaaaatcat	ataagaaaga	1380
tgggataacc	tggtacacaa	atgttgccca	gtatgtgcgc	attgccagtg	gacttcattt	1440
tgtaaaaatg	gaatagaggc	agtacccccc	ttgtgtactg	ttgagccggc	tggttgagaaa	1500
caacttggtt	cagccggtgg	ttttgcttct	cctttgtgtt	cctgtgagta	ggctgtgccg	1560
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gtccacggcc	atcactgtgt	cggaacaccc	tggtttcctt	aagacaattt	cctttttgtc	1740
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ataagaataa	gaatacaaa	gagcactact	cttggctaca	cgaaagatct	tgggattcat	1860
gacactgagg	gcagggagaa	gaaagaacac	cagccacgca	gagatacaaa	taagctcatc	1920
aaatgagcag	ctgggtttgtc	tcactcagcc	tgaatttgca	ttaagt		1966

<210> 4289
 <211> 1553
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1555)...(1358)
 <223> similar to gi4753766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4289

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atcaacatct	gtaagaattt	caaaattttc	aaaaagccag	ataagccaat	ttattttattt	180
aaaactatta	ataggcatat	cactaagatt	atatgacagt	aaaaaaatga	gaagattaac	240
atatttgctt	attagtgtaa	acattattac	actatattta	gctttgtgta	gagctttaca	300
tatcaaaata	tttaatatat	aatactattt	gttatgcagg	ttttctaata	ccttaaattt	360
ttactatgta	agcaattatt	tgatgaattt	accattctca	aagattgaga	ctgaaaagca	420
gttcactgat	cttacttttc	gaaccagcat	ctctttattt	ttctacagta	aattatactt	480
ttgattatag	agataagaat	tatgagtatt	catcattttt	aaagaataaa	catataaatc	540
ttctttaagt	gtactatcaa	ataaatttta	taaactcagt	aattatcacc	acatatttca	600
aatagttact	aatcccaaaa	atatctgttc	accttgaata	tcttactgac	atgttctcta	660
tgtgagaaaa	aaaatagttt	cttttggtat	ttgatggcaa	tcattgagaa	ggtcttttta	720
tcattcaagaa	aacagaaaaa	agtattgggt	gagtgatggc	agaaatgtag	gccatgacat	780
ctagatgagg	tctatggaaa	tacagcaaac	ttttctaagc	ataatgccat	gtcatcatta	840
ttagcaattt	attttctgag	atcactgatg	ctggctatgt	agaaaggctt	atttaaattg	900
aaaaagaaac	atcattatgt	ttctcatagc	cagctaattc	catagaacac	ttacctgatt	960
tgtgtgggtt	actgaatttt	gtgaatttta	agttttttac	ctctttatat	ccatgtgttt	1020
gggcgcacac	caggaataat	catattgcat	gtcacccctat	cacttaaggt	tatagaagta	1080
atgacatcat	caaaacagtc	atatcagaaa	taggaaaatt	tagatgtatt	catgtccttg	1140
tgtcaciaag	tgagagaaga	gagtaaagac	acctaggaaa	atacaacgaa	agaatgagat	1200
atactcacia	cctcatgatc	atggaattct	aggctatata	gctaagataa	aataacagaa	1260
tagataatat	gaaaatagca	aggttttcac	caaattctat	gtggctggaa	ttaacaggat	1320
taccccatca	ggtctttctt	gaatttgga	agatctattc	cctcttttct	atctttctag	1380
ttttattaaa	tttttgacag	gaaaataaaa	aacattttgt	gaacaagaat	atagcagttg	1440
ccaacaggt	cagcaggaac	ccaatcacat	ctatagagta	gtgctggaac	caggtgaggt	1500
catgggcagc	tgatcgcagg	tgcttggttc	ctttgtggcg	catgacaaac	tcg	1553

<210> 4290
 <211> 2127
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(2128)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (24)...(1737)
 <223> similar to gi2073564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4290

cccacgcgtc	cgccacgcg	tccggagctg	ttcagttgtg	tactccacta	ctgcttcccc	60
gaaacagaca	aatatatgag	cacaacgaag	ctgccctatt	catggaccac	agcgggatgc	120
tggatgatgct	tctttttgac	ctgcggatcc	cttttgcaag	atatgtggca	agaaataata	180
tattgaattt	aaaacgatac	tgcatagaac	gtgtgttcag	gccgcgcaag	ttagatcgat	240
ttcatcccaa	agaacttctg	gagtgtgcat	ttgatattgt	cacttctacc	accaacagct	300
ttctgcccac	tgctgaaatt	atctacacta	tctatgaaat	catccaagag	ttccagcac	360
ttcaggaaag	aaattacagt	atatttttga	accataccat	gttattgaaa	gcaatactct	420
tacactgtgg	gatcccagaa	gataaactca	gtcaagtcta	cattattctg	tatgatgctg	480
tgacagagaa	gctgacgagg	agagaagtgg	aagctaaatt	ttgtaatctg	tctttgtctt	540
ctaatagtct	gtgtcgactc	tacaagttta	ttgaacagaa	gggagatttg	caagatctta	600
tgccaacaat	aaattcatta	ataaaacaga	aaacaggtat	tgcacagttg	gtgaagtatg	660
gcttaaaaga	cctagaggag	gttggtggac	tgttgaaaga	actcggcatc	aagttacagg	720
tcttgatcaa	tttgggcttg	gtttacaagg	tgacgacgca	caatggaatc	atcttccagt	780
ttgtggcttt	catcaaacga	aggcaaaggg	ctgtacctga	aatcctcgca	gctggaggca	840
gatatgacct	gctgattccc	cagtttagag	ggccacaagc	tctggggcca	gttcccactg	900
ccattggggg	cagcatagct	atagacaaga	tatctgctgc	tgctctcaac	atggaggaat	960
ctgtttacaat	aagctcttgt	gacctcctgg	ttgtaagtgt	tggtcagatg	tctatgtcca	1020
ggggccatcaa	cctaaccag	aaactctgga	cagcaggcat	cacagcagaa	atcatgtacg	1080
actgggtcaca	gtcccaagag	gaattacaag	agtactgcag	acatcatgaa	atcacctatg	1140
tggcccttgt	ctcggataaa	gaaggaagcc	atgtcaaggt	taagtcttcc	gagaaggaaa	1200
ggcagacaga	gaagcgtgtg	ctggagactg	aacttgtgga	ccatgtactg	cagaaactga	1260
ggactaaagt	cactgatgaa	aggaatggca	gagaagcttc	cgataatctt	gcagtgcaaa	1320
atctgaaggg	gtcattttct	aatgcttcag	gtttgtttga	aatccatgga	gcaacagtgg	1380
ttcccattgt	gagtgtgcta	gccccggaga	agctgtcagc	cagcactagg	aggcgctatg	1440
aaactcaggt	acaaactcga	cttcagacct	cccttgccaa	cttacatcag	aaaagcagtg	1500
aaattgaaat	tctggctgtg	gatctaccca	aagaaacaat	attacagttt	ttatcattag	1560
agtgggatgc	tgatgaacag	gcatttaaca	caactgtgaa	gcagctgctg	tcacgcctgc	1620
caaagcaaag	atacctcaaa	ttagtctgtg	atgaaattta	taacatcaaa	gtagaaaaaa	1680
aggtgtctgt	gctattttctg	tacagctata	gagatgacta	ctacagaatc	ttattttaac	1740
cctaaagaac	tgctgttaac	ctcattcaaa	cagacagagg	cttatactgg	aataatggaa	1800
tgttgatcat	tcatcataat	ttaaaattaa	attctaagaa	gaggctgggt	gcagtggctc	1860
acacctttaa	tcccagcact	ttggggganc	caaggcagga	agactgcttg	aaaccaggga	1920
gtttgagacc	agcctgagcc	aacaaagcaa	gacccccatc	tctataaaaa	ctaaaaaaat	1980
tagttgggca	tggtggcaca	tgctgtagt	cccagctact	ccagaggctg	agatggatca	2040
tctgagcctc	aggaggttga	ggctgcagt	agctgtgact	gcgccactgc	actccagtct	2100
gggacaacag	agcaagacc	tgtctta				2127

<210> 4291
 <211> 856

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (17)...(546)
<223> similar to gi498983 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4291

cccacgcgctc	cgacttttta	cagtaatcac	ttattttttt	gtggtaattg	gcattgcccc	60
aatttttatc	ctttatgaat	tggattcacc	actctgctgg	aatgaagttt	ttatagggtta	120
tggatcagct	ttgggtagtg	cctctttttt	gactagtttc	ctaggaatat	ggcttttttc	180
ttattgtatg	gaagatattc	atatggcctt	cattgggatt	ttaccacga	tgacaggaat	240
ggctatgacc	gcgtttgcc	gtacaacact	gatgatgttt	ttagccaggg	tgccgttcct	300
tttactatt	gtgccattct	ctgttctacg	gtccatgttg	tcaaaagtgg	ttcgttcgac	360
tgaacaaggt	accctgtttg	cttgtattgc	tttottagaa	acacttggag	gagtcactgc	420
agtttctact	tttaatggaa	tttactcagc	cactgttgct	tggtaccctg	gcttcacttt	480
cctgctgtct	gctggtctgt	tactacttcc	agccatcagt	ctatgtgttg	tcaagtgtac	540
cagctggaat	gagggagct	atgaacttct	tatacaagaa	gaatccagt	aagatgcttc	600
agacagagcc	tgttaagctg	ctattgatag	tccgagctta	tatactgtga	cttctgaaga	660
ctatacatga	attccccaat	cagtgccttg	ttgatacaaa	atccttaaaa	gggaggcact	720
ttaaagaata	tgtatttttc	acttttctta	atatgtttca	tccgtgacag	gcatgataat	780
atttctatat	gtaatgggta	attgggaaaa	aatagatgat	aaataaaatt	gctctaaaga	840
agttaaaaaa	aaaaaa					856

<210> 4292
<211> 1371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1371)...(1131)
<223> similar to gi3413874 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4292

ttttttttta	agaagacagg	gatctcacac	tatgctgccc	aggctggact	cgaactacta	60
ggcccaaagc	cactctcctg	tgtaaaccac	cagagtagct	gggagtacag	gtgtgcacca	120
ccatgcctgg	gctttgtagc	atgtttaaag	gaacctaggt	gatttagtca	aaagagaaca	180
ctgcatgaac	caaggcctca	ggtgcttctt	gctgccttca	ttccacaga	ggagaacaca	240
gggatttaga	ggagatggaa	acattttcta	ggcagttatt	gaataacgga	tctttggagg	300
agttcgtgga	gtagtgtaac	cagaaagtct	ttaaaattaa	acccatctta	atcgtttgta	360
agtgtagatg	gggggacttg	ggaaatctcc	ggggccta	catggctcgc	aaaaggagtg	420
acattaatag	ctttggagat	ggtgtcttcc	tctcctttcc	cagggttaagt	tcaagcagta	480
acagcagagg	ttctacctcc	ttccatcgag	tctttaagct	ggaccggggg	gaaaataact	540

gtagggaaa	agaggcaagc	atccaaccca	ctcgagctgt	gggctgaçag	tcccactggg	600
atcgccccat	ggagacaatt	gcaagtcttt	tgcatgagct	aaaccccgc	ccacatggaa	660
ccgaagggtgc	tcattgtcag	ctaccacgca	atgccattat	cacctttcag	cccaagtgcc	720
acagaccaac	actggctata	ctccaatgag	gtgtggcatt	cgggttcttc	tgccttcagg	780
tcacaacctt	tctgactcag	ctgggctaca	ttaaacctga	agctctgtac	aatgtggaga	840
gcggtgttgc	cttcattaca	agtgggtcag	cattggattt	tcaagtaagt	ctaagtgttt	900
ctattgtcct	taaaatgaca	tatgtccagt	tatttaaaaa	aattacaaaa	tacaaatgcc	960
cgtgttaatt	tagctagtct	cagacattac	attcgacaac	atagaaaagc	caaaagatct	1020
ccagttataa	gcacaaaact	aaggaaagtt	atggatcagt	gacttttgtc	actaatccat	1080
tttctttttt	aagtcacctc	cctttatggc	cttgcttggc	tggtttttac	attgtgcatt	1140
acttgtctgt	tggaccctgg	ggaggtgggg	caggtcctat	ggtaggattt	gtttttggaa	1200
gaacagcagg	ttttggccta	agggtggag	gcttcagctg	cacgccatt	ctgggtgcc	1260
ccataggctt	gaaggtactc	attgtgtcac	tggaggagct	cgtgctacgt	cgaatctgag	1320
gctcggagct	cctgagggca	acgttgtgca	aagggtgag	agattccggt	c	1371

<210> 4293

<211> 2141

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (1910)...(720)

<223> similar to gi5257133 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4293

tttttttttt	ttattacaaa	cgccagttgg	ttcctttttt	aattacattt	aaaaaagaca	60
aaggcatgga	gctgtatgga	tgacacacct	tgaccactga	cgaggaagat	ttcactcagc	120
cacgtctcag	tggagtctca	gaggggaggg	tttccacaca	gcacggtgcc	aagggccagt	180
cttgacgctg	tcatagacaa	tgacatgcaa	gccccagccc	tggctcgtgg	ttcaggtggc	240
cctccaacac	tgagctgtcc	cgggacgcct	gccgggctcg	ctgagggcag	ggccgggact	300
tgctcaggtt	gctgggtgtt	catgaaggag	gatcgggtct	gccagatcaa	actccaccct	360
gcagcaatta	gcaaggacca	ggccctggtc	tgctgaggct	ccactgctgg	ccctgggttc	420
tcggcttttc	gttgctcgat	actcctacgc	tggcctctga	aatactccct	gtgtcttagt	480
tcaggggtga	agacacggaa	tatctttatt	gtcgagaaaa	aattaacttt	gcacaaaagg	540
aggtgctcat	cagagagctt	ttcaatgaga	cccccatgtg	ttccactaga	ggccctgctc	600
agcccagccc	gtgtcctccc	agcgtggggc	ccaccctgct	cattacgtac	attgaccaag	660
acccttcaac	ctcgtcccga	ccccagcacg	ggtgttcttt	gccacactct	tgttctagt	720
ttttcggatc	aagatgtccc	agctgtcttt	ccagcgaagg	gccttgagtt	catgtggcga	780
gagtgaactt	tccccgtagg	tgagtgggag	cagcgtgttg	gacacgtggc	acgcggagga	840
gtaccaggcc	accaccaggg	çgctgaagat	gctcctctgg	agctgggacc	tgacaggtg	900
gtcgctgatg	tgctgcagga	ccacagggag	cagaaggatt	tggaaaggta	gtgcgggcag	960
gtagtggtag	aggaagagt	tcttctccat	caggaagaac	gggaggtagt	tactgccc	1020
gccaccggca	cacagcgccc	cagccagcac	ccagcgagc	caggcatcct	gagggaggtc	1080
atggacattt	cttcgccgtc	ggagcaggta	ccacaaggac	agcagggcgt	agatggccag	1140
agcgaggctg	cccgaacccc	agatcactat	gtttccaagt	aggtggatct	gagcgctggt	1200
cctgggggtg	agccagtagg	caatattggt	gtccaggggtg	accactcca	gtgggctgga	1260
gctgtacttg	tgttccgagt	catcacttct	cagcgccagc	atcctccact	gcagctccga	1320
gaatctcgcc	atgaagctga	ggttctctgt	gacgtccacc	tgcgaggtg	agtgcagctc	1380

cctgtccccc	tcctctctgt	cctggctcgc	gccgtatcgg	tgctcctcca	cgttccacac	1440
cgtgctcccc	tggtagcccc	gggacagctt	ctccccgacg	atctccagtt	gccgataccc	1500
ccagtcaggg	aggtgagccc	cgctcagctt	taagacagcg	gaagtgttca	cgtgcacaaa	1560
gcggaacctt	gagaggatgg	tcttccagac	gtctgtgtca	gatcctctgt	tcacaatttc	1620
cagtctccag	aggttctggg	cgggcatgga	gatgttatag	tcaatgtagc	aggagacctc	1680
ctgtgaatgg	gggctcaggg	gggctgcaac	atcatgcgtg	ttcagggagc	gggtggteat	1740
gccgtggacc	agctgcacca	tgtecccggt	cctcacaggt	ctcggagggc	tgctcaccac	1800
cagctgggtg	ctcctgggat	cctttacaat	ccaccagtta	ttgacgtctt	tgaaggggta	1860
acaggtcacc	tggtgctggg	gggagctgcc	tcggccgttc	tcatactctg	gtgaagtcaa	1920
caaagagatg	tatctggggc	aggcgcggtg	gctcaggcct	gtaatcagag	cactttggga	1980
ggctgaggta	ggataactgc	ttgagcccag	gagtttgaca	ccagcctggg	caacatagtg	2040
agacctgtg	tctatttatg	agaaaaagaa	aagaaaggaa	aagaaacgta	tctggaagtg	2100
ggtaatcgat	cgggcccaca	cgcctttctc	ctaaaacgaa	a		2141

<210> 4294

<211> 1456

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(993)

<223> similar to gil665761 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4294

cgacgcagtg	tcgtggaatt	ccccactggg	ccagtataag	ctgacctttg	acaaagccag	60
agaggcctgt	gccaacgaag	ctgcgaccat	ggcaacctac	aaccagctct	cctatgcccc	120
gaaggccaag	taccacctgt	gctcagcagg	ctggctggag	accgggaggg	ttgcctaccc	180
cacagccttc	gcctcccaga	actgtggctc	tggtgtgggt	gggatatggg	actatggacc	240
tagacccaac	aagagtgaag	tggtggatgt	cttctgctat	cggatgaaag	atgtgaactg	300
cacctgcaag	gtgggctatg	tggtgagatg	cttctcatgc	agtgggaacc	tgctgcaggt	360
cctgatgtcc	ttccctcac	tcacaaactt	cctgacggaa	gtgctggcct	attccaacag	420
ctcagctcga	ggcctgtcat	ttctagaaca	cctgactgac	ctgtccatcc	gcggcaccct	480
ctttgtgcc	cagaacagtg	ggctggggga	gaatgagacc	ttgtctgggc	gggacatcga	540
gcaccacctc	gccaatgtca	gcatgttttt	ctacaatgac	cttgtcaatg	gcaccaccct	600
gcaaacgagg	ctgggaagca	agctgtctcat	cactgccagc	caggacccac	tccaaccgac	660
ggagaccagg	tttgttgatg	gaagagccat	tctgcagtg	gacatctttg	cctccaatgg	720
gatcattcat	gtcatttcca	ggcctttaaa	agcaccctct	gccccctgta	ccttgaccca	780
cactggcttg	ggagcaggga	tcttcttttc	catcatcctg	gtgactgggg	ctgttgccct	840
ggctgcttac	tctacttttc	ggataaacgg	gagaacaatc	ggcttccagc	atcttgagtc	900
ggaagaggac	attaatgttg	cagctcttgg	caagcagcag	cctgagaata	tctcgaaccc	960
cttgatagag	agcacaacct	cagctcccc	agaaccttcc	tacgacctct	tcaggagctc	1020
tgaagaacgg	cagcttgagg	gcaatgacct	cttgaggaca	ctgtgagggc	ctggacggga	1080
gatgccagcc	atcactcact	gccacctggg	ccatcaactg	tgaattctca	gcaccagttg	1140
ccttttagga	acgtaaagtc	ctttaagcac	tcagaagcca	tacctcatct	ctctggctga	1200
tctgggggtt	gtttctgtgg	gtgagagatg	tggtgtgtgt	cccaccaggt	acagcttcc	1260
cctctgaccc	tttgctcttt	cttcttttgt	actcttcagc	tggcacctgc	tccattctgc	1320
cctacatgat	gggtaactgt	gatctttctt	ccctgttaga	ttgtaagcct	ccgtctttgt	1380
atcccagccc	ctagcccagt	gcctgacaca	ggaactgtgc	acaataaagg	tttatggaac	1440

<210> 4295
 <211> 1600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (11)...(1200)
 <223> similar to gil504042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4295

ggcacgaggt	ttgaaccatg	agtggacatt	tgaaaaactc	aggcagcaca	tttcacgcaa	60
cgcccaggac	aagcaggagt	tgcatctggt	catgctgtcg	ggggtgcccg	atgctgtctt	120
tgacctcaca	gacctggatg	tgctaaagct	tgaactaatt	ccagaagcta	aaattcctgc	180
taagatttct	caaattgacta	acctccaaga	gctccacctc	tgccactgcc	ctgcaaaaagt	240
tgaacagact	gcttttagct	ttcttcgcga	tcacttgaga	tgcccttcacg	tgaagttcac	300
tgatgtggct	gaaattcctg	cctgggtgta	tttgtcctaa	aaccttcgag	agttgtactt	360
aataggcaat	ttgaactctg	aaaacaataa	gatgatagga	cttgaatctc	tccgagagtt	420
gcggcacctt	aagattctcc	acgtgaagag	caatttgacc	aaagttccct	ccaacattac	480
agatgtggct	ccacatctta	caaagttagt	cattcataat	gacggcacta	aactcttggt	540
actgaacagc	cttaagaaaa	tgatgaatgt	cgctgagctg	gaactccaga	actgtgagct	600
agagagaatc	ccacatgcta	ttttcagcct	ctctaattta	caggaactgg	atttaaagtc	660
caataacatt	cgcacaattg	aggaaatcat	cagtttccag	catttataaac	gactgacttg	720
tttaaaatta	tggcataaca	aaattgttac	tattcctccc	tctattaccc	atgtcaaaaa	780
cttggagtca	ctttatttct	ctaacaacaa	gctcgaatcc	ttaccagtgg	cagtatttag	840
tttacagaaa	ctcagatgct	tagatgtgag	ctacaacaac	atttcaatga	ttccaataga	900
aataggattg	cttcagaacc	tgacgacatt	gcataatcact	gggaacaaag	tggacattct	960
gccaaaacaa	ttgtttaaat	gcataaagtt	gaggactttg	aatctgggac	agaactgcat	1020
cacctcactc	ccagagaaaag	ttggtcagct	ctcccagctc	actcagctgg	agctgaaggg	1080
gaactgcttg	gaccgcctgc	cagcccagct	gggccagtgt	cggatgctca	agaaaagcgg	1140
gcttgttgtg	gaagatcacc	tttttgatac	cctgccactc	gaagtcaaag	aggcattgaa	1200
tcaagacata	aatattccct	ttgcaaattg	gattttaaact	aagataatat	atgcacagtg	1260
atgtgcagga	acaacttcct	agattgcaag	tgctcacgta	caagttatta	caagataatg	1320
catttttagga	gtagatacat	ctttttaaatt	aaaacagaga	ggatgcatag	aaggctgata	1380
gaagacataa	ctgaatgttc	aatgtttgta	gggttttaag	tcattcattt	ccaaatcatt	1440
tttttttttc	ttttggggaa	agggaaggaa	aaattataat	cactaatctt	ggttcttttt	1500
aaattgtttg	taacttggat	gctgccgcta	ctgaatgtta	acaaattgct	tgcttgctaa	1560
agtaaatgat	taaattgaca	ttttattact	aaaaaaaaaa			1600

<210> 4296
 <211> 1351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1352)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1310)...(316)
 <223> similar to gi4929575 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4296

agagttaatt	atgtctttga	taaaagactc	aaatccagaa	ctgggggttga	gaaaaaaaaa	60
tcaagactgt	ttcatagggt	ataaaaagac	agatgcaacc	atacatttaa	tttttaaaaa	120
tggaatgtat	cttacataag	gattttgtga	aaaatcttat	acctatctga	gtattacaga	180
agatgcatat	accttcagaa	gctcatggag	gaaagagtgt	ataaacaatt	ttgataagga	240
gttgaaaaac	aatttgaaaa	tagtttacaa	agagagaatc	aggaggcaga	aaaagcttca	300
agaggcatgg	tcttcagaaa	ttgttctgga	atgctgtttc	acttgatcgc	atgtcatgtt	360
cctggttcaa	tttcttgaac	tccaccactt	ggaagaagac	gtgctcaagg	atatgttttg	420
catcctgttg	gtcctttggg	agtttactgg	ttactccaag	aatatcacca	cacttcctga	480
cataaaattc	caggtcttct	tcagtacact	tattggtaat	ctgagccagc	cgtgccttct	540
cagaggagaa	cgtttcatct	aaatcaaata	gctccagagg	aggaggtggt	aactcccgga	600
aactgggagg	aaaaaccgca	ggctgaaggg	ttggcagcgg	cgtctcaaac	tgaggctgga	660
tgagctggag	tggttcatgt	ttcacattta	gctgctcgtg	agcctcgatg	acgctgtgga	720
aggaggtggt	atccagctgg	aagatggaca	ggtcgaagag	ggtggtaaag	tcccttgggg	780
tctcatcact	ctcctggaga	cactctcgat	tccgctttga	taggggtggc	gtgtagggca	840
gcatcatgta	gtcagaaatc	tctgggtcct	cagcatcaat	ctggtttagg	tggatgtctc	900
ctgtcgtgag	ccactggaaa	acaacatcca	tgattttgct	gttttcttct	ttgtccaaat	960
attgatcact	gaacatgtga	catgaaccaa	gcactgccag	cttcccacct	tggttctttg	1020
agtgatagaa	agccaaaatg	ggtctgttaa	gtgggaagca	gacagaacct	gtagacagaa	1080
ccgccactgc	tggtttcatg	acactcaatg	tggcaccaaa	aggatacaca	aaggtagagag	1140
cctgggcatt	gtttccactg	ctttcctcat	caatgatccc	aggcacagcc	tttctctcag	1200
ctcggcta	ttccctgttc	aagactccac	tggaaactag	agcttcttta	ggatggaaat	1260
atgtgtgata	tacatttcta	accacagcat	cattattaac	catgattccc	ctcgtgccaa	1320
gcttggcgta	ngcagggtcca	tcaagtttca	t			1351

<210> 4297
 <211> 1244
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (80)...(319)
 <223> similar to gi3452572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4297

ggcagcagtg	catctttatc	atgagtaaag	cttagaaata	atcaggtact	ttaacttgta	60
ctggttcttt	catggaaaag	gaccaaactc	ttaccagga	tctactggag	cagctgttgg	120
agcccatgac	gcctgtcggg	atgcaaaaga	gaagcgctct	aaaagccaag	atgcagattc	180
acctggaagt	tctggggccc	ctgaaaactt	gacattcaag	gaacgccagc	gtcttttttc	240
acaaggtcaa	gatgtatcca	ataaagtga	agcttctcgt	aaattaacag	aactggagaa	300
tgaactgaac	acaaagtga	agaaaatgag	gagaacactt	tgtatttacc	ccaaaatctt	360
ttcagttgtg	ggttttagg	tgcgagtttg	aagaggaaaa	gaggaagggg	gttatatttc	420
taagtgattt	acaatttctg	tttctaaaat	tgttgggatt	tagaaatggt	tcaattccaa	480
gaaattttat	tttactttac	catgagattg	ccatttatgt	aatttaaaca	ctgtctagtt	540
tcttaattat	ctaactcaca	cgagggttaag	ttttttgttg	gtttcttttt	tggagtcctg	600
agttcaaagg	ggacagaact	aagggcagga	gaagagaatg	gatgtgtctt	ctctcccatc	660
ttcccctcat	catcgaccga	ggagcacaaa	gaagttctgt	ttctgttttt	ttcagaaact	720
ttatttttagc	tgtcaagcag	agaatagctt	gaactattca	gactattggt	ggcactgttt	780
agtagtgacc	acacgctctt	ctaccgggga	aggaacatat	gacgacatgc	tcctcccatg	840
tcccctgatg	gtgtctgttc	ccacaatatc	cttctagtct	gcacgtgaa	gtggcttagg	900
ccaaagcttc	ctgtgtgatg	acgcacgtcc	gagactgttc	catctcattc	ctcgcaaatt	960
tgagctcttc	tgatcaattc	taaatatttg	attaatttta	attctgaaag	aaaattttga	1020
ggattttaagc	ttaggggatt	ttatttttat	aaataccaga	ttattgtag	acttaataaa	1080
tcactgttaa	atttaaagat	gacagttacc	ttggaaagtt	cactaatact	tcgggtccag	1140
ggcgtctgtt	aaaggaggat	atctttattg	ggagccaatg	tttcatgtgg	actggggaat	1200
tgaccagaag	aatgggagat	gagtagggac	ccctgttacc	attc		1244

<210> 4298

<211> 2448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1783)

<223> similar to gi5262557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4298

gagactgaca	atgatttgac	aaaggaaatg	tatgaaggaa	aagagaatgt	atcatttgaa	60
cttcaaagag	acttttccca	ggaaacagac	ttttcagaag	cctctcttct	agagaaacaa	120
caggaagtcc	actcagcagg	aaatataaag	aaggagaaga	gcaacaccat	tgatggaaca	180
gtgaaagatg	agacaagccc	cgtggaggag	tgttttttta	gtcaaagttc	aaactcatat	240
cagtgtcata	ccatcactgg	agagcagccc	tctgggtgta	caggattggg	gaaatccatc	300
agctttgata	caaaactcgt	gaagcatgaa	ataattaatt	ctgaggaaag	acctttcaaa	360
tgtgaagaat	tagtagagcc	ctttaggtgt	gactctcaac	ttattcaaca	tcaagagaac	420
aacactgagg	aaaagcctta	tcagtgttcg	gagtgtggca	aagctttcag	cattaatgag	480
aaattaattt	ggcatcagag	acttcacagt	ggggagaaac	ccttcaaagt	tgtggagtgt	540
gggaaaagct	tcagctacag	ttcccattat	atcacacatc	agacaatcca	cagtggggag	600
aagccctatc	agtgtgaagat	gtgtgggaag	gccttcagtg	ttaatggaag	cctaagtagg	660
catcagagaa	tccatacggg	agagaagccc	tatcagtgc	aggaatgtgg	aaatggcttc	720
agctgtagtt	ctgcatatat	tacacatcag	agagtccaca	ctggagagaa	accttacgag	780
tgtaatgact	gtgggaaagc	gttcaatggt	aatgcaaaat	taattcaaca	tcagagaatc	840

catactggag	agaaacctta	tgaatgtaat	gaatgtggaa	aaggcttttag	gtgcagctcc	900
cagcttaggc	agcatcagag	catccacaca	ggagaaaagc	cctatcagtg	taaagagtgt	960
ggaaaaggct	tcaataataa	tacaaaactc	attcagcatc	agagaatcca	cacaggtgag	1020
aaaccctatg	aatgcactga	atgtggaaaa	gccttcagtg	tcaaagggaa	gttaatccaa	1080
caccagagaa	ttcacacagg	cgagaaaccc	tatgagtgt	atgaatgcgg	gaaagccttc	1140
agatgtaact	cccaatttcg	gcagcatctg	agaattcaca	ctggggagaa	gccctatgag	1200
tgtaatgagt	gtggaaaggc	cttcagcggt	aatgggaaac	taatgcggca	tcagagaatt	1260
cacactgggg	agaaaccttt	tgaatgtaat	gagtgtggga	gatgctttac	ttctaaaaga	1320
aacctacttg	atcatcaccg	aatccatact	ggagaaaagc	cctatcaatg	taaggaatgt	1380
gggaaagcct	tcagtatcaa	tgccaaacta	actaggcatc	agaggatata	tactggggag	1440
aaacctttca	aatgtatgga	atgtgagaaa	gcattcagct	gtagttctaa	ctatatgtgt	1500
caccagagaa	tccatacagg	agagaaaccc	tttcagtgt	aggagtgtgg	aaaagccttc	1560
catgttaatg	cccatttaat	tcggcatcag	agaagccaca	ctggggagaa	acccttcaga	1620
tgtgtggaat	gtggcaaagg	cttcagcttt	agttctgact	acattataca	tcagacagtc	1680
cacacttgga	agaaacccta	tatgtgtagt	gtgtgtggga	aagcattcag	gtttagcttc	1740
cagctcagtc	agcatcagag	tgtccatagt	gaaggaaaat	cctaataatg	agaaagatat	1800
agaaaactct	taaggttaat	gccaaaatgg	atcaagtatc	atcagattca	tccattgaaa	1860
aacctccaag	agggcatgaa	tatggcagag	tcttcatatg	gaaacagttt	ttattctatt	1920
cagtttaaat	caggaaagga	tgaccagtta	aagagaaaca	tccaaaaata	gctttgtttt	1980
gtaccaacag	gaattagaaa	atataatgaa	aagatttcgt	tcccagcagc	atcaagaaaa	2040
gtagattttc	tagaaataaa	cagttatgga	ggacttgat	ggagaaattt	aagtcttcac	2100
tgagggccac	tttaciaaagg	aaatttgaat	aatggagag	agagagaagc	cttggtgttg	2160
gataggaaaa	cccgtactaa	agatactcta	cctacattaa	tttatttggt	taatttttga	2220
caacaagcat	gtattacttt	tgaaaagatg	aaaaataaag	ttttatttaa	aaaaggaaaa	2280
aggtatgagt	acatttttaa	ttttcatgta	attgagaaaa	cctttctaag	tattagatga	2340
aagctagaaa	ctatccacag	ggtatgtact	gataaattga	ctactcaaaa	actaaatatt	2400
cctgtatgtt	tttgttttaa	agtttaaaag	ataaagcgca	aatggggg		2448

<210> 4299

<211> 1822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(1375)

<223> similar to gi4529890 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4299

ctgggcccct	ggtgctggtg	ctgatcctgg	gagtgcctggg	cgtgctggca	tacggcatct	60
actactgctg	ggaggagtac	cgagtgcctg	gggacaaggg	cgcctccatc	tcccagctgg	120
gtttcaccac	caacctcagt	gcctaccaga	gcgtgcagga	gacctggctg	gccgccctga	180
tcgtgttggc	ggtgcttgaa	gccatcctgc	tgctgatgct	catcttcctg	cggcagcgga	240
ttcgtattgc	catcgccctc	ctgaaggagg	ccagcaaggc	tgtgggacag	atgatgtcta	300
ccatgttcta	cccactgggc	acctttgtcc	tcctcctcat	ctgcattgcc	tactgggcca	360
tgactgctct	gtacctggct	acatcggggc	aaccccagta	tgtgctctgg	gcaccaaca	420
tcagctcccc	cggctgtgag	aaagtgccaa	taaatacatc	atgcaacccc	acggcccacc	480
ttgtgaactc	ctcgtgcccc	gggtgatgt	gcgtcttcca	gggctactca	tccaaaggcc	540
taatccaacg	ttctgtcttc	aatctgcaaa	tctatggggg	cctggggctc	ttctggaccc	600

ttaactgggt	actggccctg	ggccaatgcg	tcctcgctgg	agcctttgcc	tccttctact	660
gggccttcca	caagccccag	gacatcccta	ccttccccctt	aatctctgcc	ttcatccgca	720
cactccgtta	ccacactggg	tcattggcat	ttggagccct	catcctgacc	cttgtgcaga	780
tagcccggt	catcttggag	tatattgacc	acaagctcag	aggagtgcag	aaccctgtag	840
cccgtgcat	catgtgctgt	ttcaagtgt	gcctctggtg	tctggaaaaa	tttatcaagt	900
tcctaaaccg	caatgcatac	atcatgatcg	ccatctacgg	gaagaatttc	tgtgtctcag	960
ccaaaaatgc	gttcatgcta	ctcatgcgaa	acattgtcag	ggtggtcgtc	ctggacaaag	1020
tcacagacct	gctgctgttc	tttgggaagc	tgctggtggt	cggaggcggtg	ggggtcctgt	1080
ccttcttttt	tttctccggt	cgcaccccg	ggctgggtaa	agactttaag	agccccacc	1140
tcaactatta	ctggctgccc	atcatgacct	ccatcctggg	ggcctatgtc	atcgccagcg	1200
gcttcttcag	cgttttcggc	atgtgtgtgg	acacgctctt	cctctgcttc	ctggaagacc	1260
tggagcggaa	caacggctcc	ctggaccggc	cctactacat	gtccaagagc	cttctaaaga	1320
ttctgggcaa	gaagaacgag	gcgcccccg	acaacaagaa	gaggaagaag	tgacagctcc	1380
ggccctgate	caggactgca	ccccaccccc	accgtccagc	catccaacct	cacttcgcct	1440
tacaggtctc	cattttgtgg	taaaaaaagg	ttttaggcca	ggcgccgtgg	ctcacgcctg	1500
taatccaaca	ctttgagagg	ctgaggcggg	cggatcacct	gagtcaggag	ttcgagacca	1560
gcctggccaa	catggtgaaa	cctccgtctc	tattaaat	acaaaaatta	gccgagagtg	1620
gtggcatggc	acctgtcatc	ccagctactc	gggaggctga	ggcaggagaa	tcgcttgaac	1680
ccgggaggca	gaggttgag	tgagccgaga	tcgcgccact	gcactccaac	ctgggtgaca	1740
gactcttgtc	tccaaaacaa	aacaaacaaa	caaaaagatt	ttattaaaga	tattttgtta	1800
actcaggtaa	acaaaaaaaa	ac				1822

<210> 4300

<211> 1883

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1361)...(675)

<223> similar to gi3043548 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4300

tttttttttt	ttgccaatca	aagcacacaa	ctttattgat	gatacacaca	gatgoggact	60
tgggtggaag	aggttaagtc	ggtacaatag	accagaagag	cagtgcactt	tttttgatga	120
ataggttcac	tatccatcag	gcgcgtgtag	aagaaagagc	aaacggaaaa	ataattcaac	180
ctaaggctgc	aacaaatgca	ttttcaggct	caagcccgcg	atattgcctc	tgggtctctg	240
gcaaagcggg	tcccgccttg	ggacagggga	gaccaccac	caggccaacc	aataggcact	300
cgtggatgct	ggttaattga	tgttctcccg	tccacaggca	gggcagctgg	aagttgatcc	360
cctccaccac	atggaaggag	gctggcaagg	ggaggaattt	tacaatggcc	aacatttgcc	420
ttgcaagact	tgacaacccc	aagaagttaa	ctcaaaagct	ctggtgggga	gccccctggcc	480
tgggccaaata	aggagtgtgg	tccctggatt	gaacccctgg	aactttccac	cccaatgaag	540
gtggtgaatt	ggcctaaggc	tggatcttca	gtagcaccc	ctgcagattc	tttgacatct	600
gcaaaccaag	cgcgttgtgg	gtggattccg	tcccattgtg	ttcgagaggg	ccgtttatgg	660
ggcaggggtt	tccaggagaa	tctctctggt	tccatttctg	ataaagaggg	acatgaatga	720
gaagagcatc	tgggcaccga	ctaactcccc	cgccaagact	ggcttttcag	acaaacccat	780
cagcggtttc	aaaacctgaa	ccttagcaca	tccacttccc	tctgatata	aaggaaactt	840
caagtctgaa	gcggacttgg	caagcatggt	attaataact	gtcatgctta	ttacaaatt	900
taatccggcc	tgctgcagaa	atgagttgca	gcaacgtgac	acagtctccc	gacacacttc	960

attgatgtac	atcttaatct	ggccctgact	ttcaatactc	gcatttaagt	tatccggggc	1020
acacaaagcc	tctctaacag	tggggtctgg	agtggggctc	gtgtttctag	ccattgagag	1080
gctggccaaa	tggctattga	tatcctggct	aaatggaaa	cccgcaccc	tgggctcggc	1140
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tttacaattt	tgagcactcc	aagtattttt	atgttcata	gggaatggcc	gctgttttat	1260
tgggtgtgct	cggttggcct	tgcctcccc	tgagggcctg	tcctcagtgc	cacctggggc	1320
cccaggttca	gtccaatccc	catcctcagt	ccagggccga	gccatagttt	caaaatcaaa	1380
ccaaatatca	ggctcctcct	catccagctc	ctggtcacg	tcccactcct	cttccccctc	1440
ctcctccagc	ttctcactgt	catctcttcc	tatggtcagt	ttgtaaagc	agtagcagge	1500
accagcccca	atcatcagtc	ctgccgccat	ccaaccact	tcccagagcc	ggcccatgct	1560
caagtctgtg	ccagccttgg	ggcaggacag	gagagggcct	tgctccacct	gattgaagag	1620
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cttgtagctc	tcttgatgat	aatctgcaag	gttccaacca	aggcagtttt	ctccttctct	1740
cgctgaaact	tgtgccgaaa	cctacaggcc	aacagaccta	caaacctgca	cggtcggagc	1800
tagtttccct	ctttcttcac	acgcctgcag	agtaataggg	ggctgggtacc	cagacggagg	1860
cgactagcag	gacttgtgct	tta				1883

<210> 4301

<211> 1901

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1639)...(26)

<223> similar to gi4426607 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4301

tttttttttt	tttaagactc	tgttatgatt	ttatttcttc	aattgttcca	atcacagttt	60
ctaatacaga	aataaaacta	ttcagcgtct	ccgttcttgc	ttcattttgt	ttcacagaga	120
tctgcatttc	tgagtttcca	ggctccaata	gcagttctgt	taagaacaga	cagccagtat	180
catcctgagc	actgaggtat	gctttccatg	gccgagaccc	agccctactc	attgcgatgg	240
tctggatggt	cactacttga	agagccatct	ggagggtgtc	aggatggaat	tctccccgcc	300
aaggcaacac	ttgctgatga	gcaactttaa	ggctaagcca	agttttctca	aaataatcag	360
cagtaagctg	gcgattgggg	actagcatga	gggctccaga	atcaggaggt	tcttgtaccc	420
tctccttggt	ctcttcagga	atcaagggtc	ctgatgcggc	aaaggatgaa	gttttaggaa	480
gctctgggtc	acaacgctct	gccccctggc	atttagagat	agttgccag	tgggctttgc	540
cataactgg	caccagtgtg	ttgaagtctg	aggcccagct	attcacaggt	ctttctgccg	600
gatcctccaa	aagtccaaga	gtaggggtcag	atttagggct	acacagaatc	cgcttaactt	660
catcaatgcc	aactaagagg	aggcgataat	agaagagacc	tcgggtcccgt	acagccatat	720
ctttttcttc	ctctatgcag	taatacaaca	aacgtcctag	catgtcctgg	cactcagcag	780
gtcgggagag	gaaaaggcgc	agcaaagcag	tgagcagctc	catcttaaca	gctggaaatg	840
tttccgactt	cacattctca	acaaagtccct	ctaacacata	aggagcatta	ggaattcttt	900
ccccatggac	accaagtagc	caaataagtg	cttgcttccc	ctcactatct	tgaatgttct	960
cttcacagcc	gggcaggggc	tgacatacag	cttcagtaca	ctgaggacac	aaccaaacca	1020
ggtctcgga	agtctgcacc	accactgtgg	taatgtgtct	ttgtcgaaga	cccagcaact	1080
ctgttaaaat	ctgaacacat	tgatctgtgt	aagtcctggc	aatgccacct	atggcaaaga	1140
tggcagcctg	tgcaaagtcc	gcagacacat	ccgtgcagta	ccctcgaagc	tcctctagca	1200
cctgctgcac	attctcatcg	ttcaccagtt	cacacagcac	ctccactttc	tgtagtttga	1260

tgtagtgggg	ctccgagtag	gagcaaaaaa	actttttgta	gtggctgcta	aagtgacctg	1320
gtaaaactatg	caagatctgg	cgtacatgac	aaagagcaac	aaaacagagc	tcacggctct	1380
ctgaagaaca	ggcagctagc	aaagggtccct	tgacccgcac	aaggacatca	gtttgtacgt	1440
ggggaaacat	ttttgccaag	atcagaaaaa	gtttggtagc	tcccatcacc	acacctgggc	1500
tactgctctt	gaggaaacta	tccaacagat	tgagaatgtc	aaatagttct	tcctcactgc	1560
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acattctatc	caaaaaagaa	aacaaaagag	ctatttttagc	aacaaaatta	ggaccatttc	1680
catgccactg	ccatatgacc	aggtggttgt	tcatcatagc	aaagggagaa	ttcttaaaaa	1740
taggctgtgc	cataattaag	tcacttttca	tgtactatct	aaagtttaca	caaaaaaggc	1800
ttaaaattcc	aagatgagtt	gttaatacaa	atgcacactc	ctctaagacc	aaagacatga	1860
tcagcataca	ctgggtccag	gttccttaca	ttttaagaca	c		1901

<210> 4302

<211> 2458

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2182)...(1728)

<223> similar to gi289610 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4302

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tatacttagg	agggttaaagt	gtgaaatgag	gcaggacttg	gttaggtgaa	aagtagcatc	120
ttattttggg	taatattata	atttatgttt	tttagacttc	ccttagaaat	ttttttaaaa	180
tatacatatg	gcacccctga	actcccttaa	actcttttat	ttgtataaat	ttatagggtg	240
ccagtacaat	tttattttcat	gcataaattg	tgtagatgaa	cccaagttct	atgtaaattc	300
tgtgtatgta	gattttttctg	gggagagggt	ctagttttct	catgacccat	aaaaatttaa	360
taaatactat	cttaggggtat	aaagattatg	aattaaaagt	ttaccaattg	ttatgttata	420
agcaagggtg	aggtcagtg	ggtacagaac	tttcaagaca	gaataggatc	atctgtttta	480
aattttttac	agaaaattgc	cacctttaat	aatgtaaaaa	cagtgattaa	tcaggaatga	540
taaagcaaga	aattcttagg	aaagctacaa	aatgatagaa	tgtatccagg	gaagttatct	600
caactgtgat	atttggtctt	aaattcaatt	attattaggt	aaactgagtg	agttctacct	660
tgtttctaga	atttgtaagt	tattctgagt	aaagcctctt	ccattgactt	ggccacattg	720
cccacctttg	attttatata	taatagttct	ttcaacttag	attgcaaacg	atgagaactg	780
agttttttaa	accacttaca	atctggaaca	tttcctttta	ttcctggtga	cgggggaatg	840
cagagggtgtg	gctgttatct	ctttctgact	gctgcagccc	acagggagag	ctaatacatga	900
agaatagttt	tacagaaact	tgtatgaaat	cttaatttta	ttagcatggg	ctggtaaacg	960
ctgattttta	gattggacaa	ttctgccagg	aggaatagct	caactcacac	atctgatgcc	1020
gctggctttc	aaaacataag	tggaaatgaa	aaattattgc	actgcatata	ctgcctctgg	1080
aacataatgg	agacaaaaga	gggcttaata	ggatggctca	tttcaaataga	ctaggtttct	1140
gcaaaacaaa	tataattttg	agtttatttc	ccctactgaa	aatactcata	cagtactcca	1200
agttgggtaaa	atttattcta	cattttaaatt	cagaaaagtca	gaatttcagt	gtgtattaca	1260
atccacggcc	atttctatct	ctgctgaaga	ttttcattgt	tcagcttcag	atctccttgc	1320
atgaagactc	agggtcacaa	gaggaacatg	gatccaaata	ttcattttgc	tcaacttggt	1380
agggtccactt	gctccaaagg	actgaagata	tagcaatgta	cagaaaggaa	gactatggaa	1440
acccatccac	agcttgtaaa	ctcgccacta	tcctttatgt	tttgtgcatg	aggaaaggaa	1500
caaatttgat	tccccacaac	actttttgct	tgtcattccg	tctgcaaggt	aaaatctggg	1560

ttgaaattcc	aaagtccaaa	gaagccttct	taaccaaaca	aatgccctcc	aaaagaagga	1620
aaataacatc	aggtctgata	tcaaagagga	gttttgagcc	tgtagagatg	aattcagaag	1680
acggagcttt	caccgcctc	cctgggccat	gatggcagct	ctttttagta	aacagtgcac	1740
cagttgctgc	catcacttgg	catcagccct	ccagtaatta	gcaaaaataag	gtcaacaaac	1800
caccaaattcc	caagtcctcc	aagcgtcaac	agcttcccta	ctgcagtgcc	agtgtgtccc	1860
aaacagaatc	gatccacacc	aaaacatccc	aggaagaagg	agtagagtaa	agtggttatg	1920
aagtagtgtc	cgggtatactt	tatacaagggt	ttattttctc	gtagaaagggt	cctaggactg	1980
gcacactcaa	ttccatctaa	ggcatggcac	tggactgaag	tgtgttccac	gtcgtgttag	2040
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acatgatcca	ctgggtcttc	acattctata	aattcatcag	gtaggtaaga	gcagaggatg	2160
accggagagt	gggggtcgcc	atattcccat	ctcgccagc	ccccggggcc	ctccggctgg	2220
gcggcgccag	cggatgtgag	ctcaggctca	gcggtcgc	tttgcgagt	gctccgagac	2280
acacaatgca	gcagaagtaa	attccccage	agcaaagccg	cctggccgca	cagaagtaag	2340
taactaaccg	ggcaaccacc	tagcaccatc	ttcccgggca	caggagcgga	gaccggcct	2400
caaccacaac	cccaggccag	cagcacagac	ccaagaactg	cgtgggtcagg	ccacgaaa	2458

<210> 4303

<211> 3555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1648)

<223> similar to gi5777948 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4303

atggctgagg	actggctgga	ctgcccggcc	ctgggccctg	gctggaagcg	ccgcgaagtc	60
tttcgcaagt	caggggccac	ctgtggacgc	tcagacacct	attaccagag	ccccacagga	120
gacaggatcc	gaagcaaagt	tgagctgact	cgatacctgg	gccctgcgtg	tgatctcacc	180
ctcttcgact	tcaaacaagg	catcttgtgc	tatccagccc	ccaaggccca	tcccgtggcg	240
gttgccagca	agaagcgaaa	gaagccttca	aggccagcca	agactcggaa	acgtcagggt	300
ggaccccaga	gtggtgaggt	caggaaggag	gccccgaggg	atgagaccaa	ggctgacact	360
gacacagccc	cagcttcatt	ccctgctcct	gggtgctgtg	agaactgtgg	aatcagcttc	420
tcaggggatg	gcacccaaag	gcagcggctc	aaaacgttgt	gcaaagactg	tcgagcacag	480
agaattgcct	tcaaccggga	acagagaatg	tttaagcgtg	tgggctgtgg	ggagtgtgca	540
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gatgtggcat	cggggctgtt	ctgcaagtgt	gaacggagac	gctgcctccg	gattgtggaa	660
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gtagacgagg	acgagctaca	gcggctgctg	ccagctgtct	ggtcagagtc	tgaggatggg	1020
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acagaagccc	tgttgcagga	ggcccagtgc	tctggcctga	gttgggttgt	ggccttacct	1320

caggtgaagc	aagagaaggc	ggataccag	gacgagtga	caccaggcac	agctgtcctg	1380
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ccagaagagc	aggcctaaga	gtactttgag	cttctagaag	aagtaagcgg	gaaaggaaga	1860
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gtgaccttga	aaacacagat	tactataatt	actataataa	atcccttaca	ttcctgtctc	2400
tagcatgggt	tagggagtgc	caaggctcaa	tgtagatggg	gtcaccttgt	cagagcatct	2460
gttcatacag	aaactgggtt	tcctgcagac	cccaggtgct	gcataggatt	cctcaaaccc	2520
tacaggatat	atctccccc	tggtgctgt	ccattttgct	tgttaccctg	actccccctc	2580
ttcagccaga	gcagtctttg	taactaaagc	tgccagcctg	gctcatcttt	cctgacaacg	2640
tgcatctcct	gccctgtgat	cacctttgtg	cttggtcctt	gccctcagcc	tgaatgtgtt	2700
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ttccatccta	actagttcag	ccctagtcaa	gactggatag	actgatactg	ctttgtttcc	3060
cccaggaacc	aaccacccaa	cccagttatt	ctggtaattt	tgacaatgat	ctatatgaaa	3120
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acaatcagag	gagcagaacc	actaagataa	agattatgta	tatatgtatt	ttaagggatt	3240
tattataggg	atctgaccgc	atgccattgt	gggagctggg	taaacagtct	ctgtaaggct	3300
gttgtctttg	catctaattg	tgagagctga	agtctgcagg	gcaggcactc	gggaaggga	3360
gatggatgta	aagtgtggga	gaccgaggac	acagtggagc	ccacgagcac	gagctggaac	3420
ccacgaggat	ggcctggaac	ccatgtcagt	ctctcaccac	ctccagcttc	gatgatgtgg	3480
gtgtcctgca	gaagaagctg	gtgcccttcc	tcacagagtt	aaatatgcat	ctggcccagg	3540
aattagagaa	gctga					3555

<210> 4304

<211> 774

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(480)

<223> similar to gi5453263 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 4304

cttatatctc	agatacactg	ggtcaagtct	acaaaagtaa	aataagatgg	tggatagagg	60
aaaacggagg	aaacgggaac	atttcagttg	atgatcta	tgctcttttg	gatttagcag	120
aacatgcctc	aagtgcattc	aaagaatctc	aacagcaaag	tgaagataga	gagtatgaag	180
tgaaggaaag	attgtatccg	aagtcaaaaa	ggcggatga	tacttacaat	atagctgggt	240
atcaaggaga	gatagaagtt	gggctttaca	caatccaaat	tctccagctc	attccttttt	300
ttgataataa	aatgagcta	tctaaaagat	atatgggtcaa	ttttgtatca	ggaagtagtg	360
atattccagg	ggatccaaac	aatgaatata	aattagccct	caaaaactat	attccttatt	420
taactaaatt	gaaattttct	ttgaaaaagt	cctttgattt	ttttgatgaa	tactttgtcc	480
tgctaaaacc	caggaacaat	attaagcaaa	atgaagaggc	caaaactcgg	agaaagggtg	540
ctggatattt	taagaaatat	gtagatatat	tttgtctctt	agaagaatca	caaaacaaca	600
caggtcttgg	atcaaagttc	agtgagccac	ttcaagtaga	gagatgcagg	agaaacctag	660
tagcttttaa	agcagacaag	ttttctgggc	tcttggaata	tcttatcaaa	agtcaagagg	720
atgctataag	cactatgaaa	tgtatagtga	acgaatatac	ttttctctta	aaac	774

<210> 4305

<211> 1517

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(513)

<223> similar to gi4914615 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4305

ccgggagcc	actgttttaa	agtaaacaca	ccacacatca	acttggggca	gctttgtaag	60
cagcttcgca	agccctgaaa	cttctggctg	gtagggatgc	cagctaaacc	agatggcatc	120
aaacagtga	atacaggcct	ggctttcaga	cttgatgata	cacccctga	agactccatt	180
cctttggtct	ttccagaatt	agaccagcag	ctacagcccc	tgccgccttg	tcatgactcc	240
gaggaatcca	tggaggtggt	caaacagcac	tgccaaatag	cagaagaata	ccatgagggtc	300
aaaaaggaaa	tcaccctgct	tgagcaaagg	aagaaggagc	tcattgcca	gttagatcag	360
gcagaaaagg	agaaggtgga	tgctgctgag	ctgggtcggg	aattcgaggc	tctgacggag	420
gagaatcgga	cgttgaggtt	ggcccagttc	caatgtgtgg	aacaactgga	gaaacttcga	480
atacagtatc	agaagaggca	gggctcgctc	taactttaaa	tttttcagtg	tgagcatacg	540
aggctgatga	ctgccctgtg	ctggccaaaa	gattttttatt	ttaaataaat	agtgagtcag	600
atctattgct	tctctgtatt	accacatga	caactgtcta	taatgagttt	actgcttgcc	660
agcttctagc	ttgagagaag	ggatatttta	aatgagatca	ttaacgtgaa	actattacta	720
gtatatgttt	ttggagatca	gaattctttt	ccaaagatat	atgttttttt	cttttttagg	780
aagatatgat	catgctgtac	aacagggtag	aaaatgataa	aaatagacta	ttgactgacc	840
cagctaagaa	tcgtgggctg	agcagagtta	aacctggga	caaaccata	acatgttcac	900
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aagcttcttc	atgaaattat	tagcagaaac	catgtttgta	accaaagcac	atttgccaat	1140
gctaactggc	tgttgtaata	ataaacagat	aaggctgcat	ttgcttcatg	ccatgtgacc	1200
tcacagtaaa	catctctgcc	tttgctgtg	tgtgttctgg	gggagggggg	acatggaaaa	1260
atattgtttg	gacattactt	gggtgagtgc	ccatgaaaac	atcagtgaac	ttgtaactat	1320
tgttttgttt	tggattttaag	gagatgtttt	agatcagtaa	cagctaatag	gaatatgcga	1380

gtaaattcag	aattgaaaca	atttctcctt	gttctaccta	tcaccacatt	ttctcaaatt	1440
gaactccttg	ttatatgtcc	atttctattc	atgtaacttc	tttttcatta	aacatggatc	1500
aaaactgaaa	aaaaaaaa					1517

<210> 4306

<211> 1339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1340)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (1339)...(878)

<223> similar to gil651201 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4306

tttttttttt	ttgattctta	acatatattaa	tgaaactcga	gcttcataaa	ccagtgaaat	60
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gtggctttga	aggctccagc	cagtcaagac	ggtcaatatt	agcccttctg	ccaacatctg	180
gcaatgtgag	gctgggggtg	acgttggcct	gatgttgcca	ggagtaggat	gctgatgctg	240
ccagagagta	ggtgggctcc	aaaccccagg	cttctcactt	gcttactaag	cacagcagtc	300
tgaagcttgg	gacctgggca	gtgcgtcttt	ggagaaggca	aaaaagccac	agcagcaaca	360
cttaggagca	agacccttcc	cgctctccac	cctatttctt	cccctgaaga	agagcaacag	420
ctcaagctct	agcatggcac	agaacgctag	gttgggccag	gcaagcagcc	atggtggggc	480
caggtgaagc	aatgtgggtc	tcagcaagga	acccctctga	aggtggcagt	ggctcccagg	540
gctgctgcac	actggacacc	acaactttgg	catcagctgc	atggtgagct	gcagagtggg	600
cagaggggct	ggggccctgc	caagagagca	aggccagacc	tgcccagcgg	gaggcaggaa	660
ggccctgatc	cagcaaggag	aagtagagga	agtccacagc	cacctctgtt	actcatcgct	720
actgggacat	ctggggacag	gctctgttct	tgggagagca	ggtcaccagg	atgtgtaggg	780
ctgcctgccg	gtgacagaca	cgtaagtcac	agggaaaggc	cgggatccag	gcctcagctg	840
tagcagcagc	tgtctgtcgg	tcaggatccc	cggctctggg	cgcttccaag	atgaagccag	900
aaggatgtag	agcaccagca	gccc aaaggc	caccaccagc	atcccgggtg	tggtggcaaa	960
gaccgcctca	ctgggcaggc	tgtggtatgg	cctggtggtg	tttttcaaac	tgaagaaaag	1020
cttctcatta	atgccgaaa	tgacggatgc	gatggacaga	gagaggatgg	cggctccaaa	1080
aaagacgtgg	ataggtttta	ggaggctgcg	cagccacatg	gacgcccagg	gcaggaggaa	1140
gacagcaaag	cccaggaacc	tctggcaggc	gaagaggaag	acagtgggtga	tgcccagcca	1200
gctgtgaagg	gagtagaggt	tggcagtcct	tccatgggtg	tgaaacgtaa	agacagcaac	1260
cagccccaca	acagtgagga	cgaaggccgn	nttcncaag	gtnctcaaag	atctcagtn	1320
nnnnnnnnnc	ggnactcct					1339

<210> 4307

<211> 6050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(5531)
 <223> similar to gil504002 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 4307

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ccttcagat	cggcgatgtg	gtgcgaatac	aggagacgtg	tggagactgg	tataggggat	180
acctcataaa	gcacaaaatg	ttacagggca	tttttccctaa	gtcatttatc	cacatcaagg	240
aagtgcagct	tgagaaaaga	agaaatactg	agaacatcat	tcctgcagaa	attcctctgg	300
cacaagaagt	gacaacgaca	ctttgggaat	ggggaagcat	ctggaaacaa	ctctatgtgg	360
ccagcaaaaa	ggagcgtttt	ctccaggtgc	agtccatgat	gtacgatctg	atggagtggg	420
ggtcccagct	tctctcagga	accttaccga	aggatgagct	gaaggaaactg	aagcagaaaag	480
tcacgtccaa	aattgactat	ggcaacaaaa	tccttgagct	tgatttgatt	gtcagagatg	540
aagacggaaa	tatcttggac	cctgataata	ccagtgtcat	cagcttggtc	catgcacatg	600
aggaagcaac	tgataaaatc	acagagcgta	tcaaagaaga	aatgtcaaaa	gaccagccag	660
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gaaactttgt	gtgcagaatt	ggggaagatg	ctgagctctt	catgtctctc	tacgacccca	780
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6050

<210> 4308

<211> 1429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(1080)

<223> similar to gi5817053 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4308

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cagcagatct	gagctgagaa	tcatcctggt	gggcaaaaca	ggaactggca	aaagtgtgc	180
agggaaacagc	atcctcagga	agcaagcatt	tgaatcgaag	ctgggttccc	agaccttgac	240
taagacttgc	agcaaaaagtc	agggaaagctg	gggaaataga	gagattttca	ttattgacac	300
accagatatg	ttttcttgga	aggaccactg	tgaagctctg	tacaaagagg	tgagaggtg	360
ctacttgctg	tctgcaccag	gaccccatgt	gctgctcctg	gtgactcagc	tgggccgcta	420
tacctcacag	gaccagcagg	ctgcacagag	ggtgaaggag	atctttggag	aggatgccat	480
gggacacaca	attgtcctct	ttaccacaa	ggaagacctc	aatggtggct	ccctgatgga	540
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aatctgtgcc	tttaataacc	gtgctgaagg	gagcaatcag	gatgaccaag	tgaaggaaact	660
aatggactgt	attgaggatc	tgttgatgga	gaaaaatggg	gatcactata	ccaatggggt	720
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ttgttgctta	ctctttagta	tgtgcaattt	attctgcagt	ttgctgttta	ttatacccaa	1020
aaagttaatg	atatttttga	gaacagttat	tagactagaa	cgcaagactc	ctagggttata	1080
gttacagatc	ccagttatta	ttactcact	atcatttagt	gggtgaatca	cagtaatttc	1140
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atcactccaa	ttattaatga	accaaatcat	acgataagtt	actgtttgca	ttgaaatata	1260
atatcaaagc	cttttgaaa	ctgtaaacat	aaaattcctc	tcattttcaa	atatctaaag	1320
ccagttttat	gttcctaaaa	tctcattttc	ttctttctag	tactactatt	tctattgaat	1380
ataatgaaaa	tggcaataaa	ataatattac	ataaactgta	aaaaaaaa		1429

<210> 4309

<211> 1296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1295)...(1022)

<223> similar to gi6017904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4309

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ttaagtctac	aattttatat	agttttccat	cagggaggca	agatatatat	aatttctttt	180
tatatttaac	taaagggttt	aagagggtct	agtctctaaa	tcagtaacaa	ttagtcataa	240
caccatacaa	acacatttaa	atattcagga	aagagggtgt	taagattatt	gcttagtctt	300
ataaaatggt	gaattttaac	caaattgata	cctctgtaat	cttatttatg	tttcctataa	360
catcatactg	cttggaagt	aatgtaagtt	ttgacataat	ttaaaaattc	aagtagttgt	420
aaacaaattc	taatttggtt	aacaattcat	atattcccct	ttagttacta	tactacctca	480
gaattaatcc	tccttaaaaa	agtaatcatc	ccacatagaa	aaaactgcag	agcttcatct	540
cttccttaaa	tattttcaag	tactgtaaga	acacaaatcc	atgaaaaaac	tgattaaaat	600
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cttaatatatt	ctttgcttaa	cagagaaata	caaagaaata	ctgcaattat	ggttatgggc	720
tactttccag	cctcttcaag	tataggacac	aactatgggt	cctaccagta	gggagaaatg	780
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caaaagatta	cagcagcaag	ccaccacttc	acacagtatt	aaaaattcgg	aaataatgta	960
atagccttcc	ttccatctcc	cactcaatct	gttggtgcat	ctttttgttt	ttcctgcttt	1020
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tcaatctttg	ttgcagtcac	agttacataa	cttcgcttta	catcaatcac	accccataat	1140
ttcacatttt	gatcaaattc	cttctctcct	tcaaatacaa	tatgcacatt	taacaatgtg	1200
ctatttgctt	ctactcgggt	aagttctgga	agtgagtttt	tagcatatac	tgaaatggta	1260
acttcacctc	cagtcctgat	ccagtcctgt	ctaccc			1296

<210> 4310

<211> 2047

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (249)...(1543)

<223> similar to gi2829884 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 4310

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gaggacgacc	cggggcactg	ggacgcggac	gctgccgaag	ccgccaccgc	cttcggggcc	180
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